

# AGENDA OF THE UTAH STATE BUILDING BOARD

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Wednesday, April 6, 2016  
Utah State Capitol Building, Room 250  
Salt Lake City, Utah  
9:00 am

- (Action) 1. **Approval of Minutes of March 2, 2016 Meeting**..... Tab 1
- (Action) 2. **Request for Approval of Revolving Loan Fund for Salt Lake Community College** ..... Tab 2
- (Action) 3. **Request for Approval of the State’s New “Existing Building” Metering Standard**..... Tab 3
- (Action) 4. **Funding Certification for the Salt Lake Community College Career and Technology Education Center at Westpointe** ..... Tab 4
- (Action) 5. **Funding Certification for the Utah State University Biological Sciences Building** ..... Tab 5
- (Action) 6. **Request for Approval of Design and Construction of the Athletic Field Dome at the Utah Valley University Vineyard Campus**..... Tab 6
- (Action) 7. **Request for Approval of a Reallocation of FY2014 Capital Improvement Funds for Utah Courts from the Provo Juvenile Courts Boiler and VAV Box Replacement Project to the Fifth District Iron County Cedar City Courts Infrastructure Updates** ..... Tab 7
- (Action) 8. **Request for Approval of FY2017 Capital Improvement Funding**..... Tab 8
- (Information) 9. **Administrative Report for University of Utah and Utah State University**..... Tab 9
- (Information) 10. **Administrative Report for DFCM** ..... Tab 10
- (Information) 11. **Future Agenda Items** ..... Tab 11

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<http://dfcm.utah.gov/dfcm/utah-state-building-board.html>



**Gary R. Herbert**  
*Governor*

# Utah State Building Board

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

## **MEMORANDUM**

To: Utah State Building Board  
From: Jeff Reddoor  
Date: April 6, 2016  
Subject: **Approval of Minutes of March 2, 2016**

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Attached for your review and approval are the Minutes of the March 2, 2016, Building Board Meeting.

JLR: cn  
Attachments

# Utah State Building Board



## MEETING

March 2, 2016

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## **MINUTES**

### **Members in Attendance:**

Ned Carnahan, Chair  
David Tanner  
Gordon Snow

### **Members Via Conference Line:**

Bob Fitch

### **Guests in Attendance:**

Jeff Reddoor  
Ken Hansen  
Kim Hood  
Eric Tholen  
Bruce Whittington  
Jim Russell  
Lee Fairbourn  
Dorothy Taylor  
CeeCee Niederhauser  
Alan Bachman  
Nicole Alder  
Rich Amon  
Ken Nye  
Dan Lundergan  
Bart Adams  
Mike Perez  
Jerry Jensen  
Greg Peay  
Ben Berrett  
Charles Darnell  
Bob Askerlund  
Malin Francis  
Clark Christensen  
Michael Horton  
Matt Price  
Jeff Burton  
Randy McKnight

Utah State Building Board  
Department of Administrative Services  
Department of Administrative Services  
Division of Facilities Construction & Management  
Attorney General's Office  
Attorney General's Office  
USHE  
University of Utah  
University of Utah  
University of Utah Health Care  
University of Utah  
Department of Corrections  
Department of Corrections  
Utah State University  
Utah State University  
Salt Lake Community College  
Salt Lake Community College  
Utah National Guard  
Utah National Guard  
Utah National Guard  
Utah National Guard  
Nephi City

Mark Jones	Nephi City
Kevin Griffin	Utah Department of Transportation
Jennifer Evans	Department of Human Services
Amy Mayberry	Company AP
Erika Erikson	Dave Robinson Architects
Jackie McGill	Spectrum Engineers
Julee Attig	Reaveley Engineers
Kim Johnson	Design West Architects

On Wednesday, March 2, 2016, the Utah State Building Board held a meeting in the Zephyr Room of the Rio Grande Building in Salt Lake City, Utah. Chair Ned Carnahan called the meeting to order at 9:05 am and welcomed Board members who were attending. He acknowledged Bob Fitch who fully participated in the meeting via telephone. Board members Chip Nelson, David Fitzsimmons and Fred Hunsaker were excused from the meeting. In addition, the Chair introduced Eric Tholen as the new DFCM Director.

#### **❑ APPROVAL OF MEETING MINUTES OF DECEMBER 9, 2015**

Chair Carnahan asked for comments or corrections to the minutes. There were none.

**MOTION: David Tanner moved to approve the Minutes of December 9, 2015. The motion was seconded by Gordon Snow and passed unanimously.**

#### **❑ INFORMATION ON NEPHI CITY READINESS CENTER FROM THE UTAH NATIONAL GUARD**

Major General Jefferson Burton and Lt Colonel Matt Price from the Utah National Guard, with Mark Jones and Randy McKnight from Nephi City, presented a proposal from the UNG to construct a new 62,000 sf Readiness Center on 30 acres of property in Nephi, which is a strategic site to support the domestic and national mission of the Utah National Guard and the Homeland Reactionary Force mission. This location is situated off of the Wasatch Front, next to a major airfield, and less than two miles from a railhead for transportation of large equipment. The new facility will allow engineering units to be stationed with their equipment out of a major fault area should a major earthquake occur. The total project cost for this facility is approximately \$20 Million which will include utilities to the site (sewer, water, power and data), road improvements and buildings. The Federal Government's share of construction costs is \$12 Million. The Guard is requesting \$8 Million from the state which breaks down to 25% construction share (\$4 Million) for the project and 100% share of utilities to the site (\$4 Million). This project has been approved for federal funding. The target year for utilities is FY 2018 and construction of buildings in FY 2020. Jeff Reddoor informed General Burton that if SB 156 passes, the UNG may be able to use Capital Improvement Funds for the utilities portion of this project. General Burton emphasized that anything the state can do to expedite the installation of utilities to the site would help to move the project forward for priority federal funding. Two aging armories in the state would be closed after completion of the new Nephi Readiness Center. The Board discussed the prospect of a cooperative reduction of costs from the Power Company and the possibility of obtaining some sort of partnership for this project. General

Burton expressed appreciation to Nephi City for their generous contribution of property.

Chair Carnahan announced this agenda item was for information purposes only. The Board will hear more from the UNG as this project progresses.

**❑ REQUEST FOR APPROVAL FOR REMODEL OF 6<sup>TH</sup> FLOOR ORTHOPEDICS INPATIENT UNIT AT UNIVERSITY HOSPITAL**

Mike Perez, Vice President of Facilities, Dan Lundergan, Executive Director of University Hospital, and Bart Adams, Executive Director of the Orthopedic Clinic, presented the University's request to remodel the 6<sup>th</sup> Floor Orthopedics unit at the University Hospital. Mr. Lundergan explained this carefully scrutinized \$13.3 Million project will be funded by University Hospital funds. The University Hospital, constructed in 1981, is of sound structure and worthy of investment to promote greater usability and increased patient care. Bart Adams explained the patient population on the sixth floor consists of total joint replacement, spine, and multiple orthopedic trauma patients. Science, technology, and the use of physical therapy have enabled improved care of these types of patients and as a result, the space must be remodeled to accommodate these new technologies. Full ADA bathrooms of 67 sf are needed as well as upgraded rooms, patient gym, improved nursing stations and support spaces. Construction will take place in 4 phases over 12 - 15 months in order to accommodate consistent patient care. Preliminary capital budget estimates construction costs at \$9.1 Million with soft costs of \$4 Million, making the total project cost of \$481 sf, which is in line with similar healthcare space.

**MOTION: Gordon Snow moved to approve the Remodel of 6<sup>th</sup> Floor Orthopedics Inpatient Unit at the University Hospital. The motion was seconded by Bob Fitch and passed unanimously.**

**❑ REQUEST FOR APPROVAL OF NEW UDOT WEST VALLEY STATION**

Kevin Griffin, Maintenance Engineering Director for UDOT, explained the Mountain View Corridor project is entering it's second phase. The alignment of this corridor will run through the existing maintenance station. This project is on UDOT's Top Ten List for replacement. The new replacement station will be located 500 yards away on the Godfrey Trucking property which is currently being purchased. Costs for this project, estimated at \$5 Million, will be funded with UDOT funds. Mr. Griffin said UDOT has a new proto-type building that was designed for the new Hooper Maintenance Station and will be used for this facility as well. This has a smaller building envelope and is scalable to accommodate changes in the number of bays. Jeff Reddoor requested Mr. Griffin forward information on the square footage of the building.

**MOTION: David Tanner moved to approve the New UDOT West Valley Station. The motion was seconded by Gordon Snow and passed unanimously.**

**❑ REQUEST FOR APPROVAL OF NEW UDOT SNOWVILLE MAINTENANCE STATION**

Kevin Griffin explained this facility, also on the Top Ten List for replacement, was constructed in the late 1950's. The larger trucks needed for UDOT work will no longer fit in this facility. This project will be funded from the sale of the old Clinton Maintenance Station property with any

additional funds provided from UDOT funds. The new maintenance station will be constructed on the current Snowville Maintenance site.

**MOTION: Bob Fitch moved to approve the New UDOT Snowville Maintenance Station. The motion was seconded by David Tanner and passed unanimously.**

Board members voiced their desire for more information. Dave Tanner requested all future Maintenance Station proposals should come forward with more information such as a conceptual site plan with utility locations, etc. Chair Carnahan asked for a copy of UDOT's Top Ten List and requested an explanation of uniform designs, map of maintenance station locations, costs per square foot, and funding philosophy be provided to better educate the Board on these projects. In addition, the Board requested a five year plan for future UDOT facilities. Chair Carnahan suggested Mr. Griffin return to the Board in the near future with the requested information.

**❑ REQUEST FOR APPROVAL OF NEW UDOT COTTONWOOD MAINTENANCE STATION**

Kevin Griffin explained this facility, also on the Top Ten List for replacement, was constructed in the late 1960's. A small parcel of the Cottonwood Maintenance Station property was sold to Utah Power and Light two years ago. In addition, the city of Cottonwood Heights also purchased a small portion of the property in order to expand their public works area. The \$1.4 Million from this sale, coupled with the \$500,000 left over from the sale of the Clinton facility, and other State UDOT funds, will be used to replace the Cottonwood Maintenance Station on the existing site. There is plenty of acreage for this expansion. Mr. Griffin reported there are some significant EPA issues with drainage on the property and will be addressed during construction of the new facility.

**MOTION: Gordon Snow moved to approve the New UDOT Cottonwood Maintenance Station. The motion was seconded by Bob Fitch and passed unanimously.**

Board member Bob Fitch left the meeting. Thereafter; there was not a quorum present. The remainder discussion items on the agenda were for informational purposes only and did not require action from the Board.

**❑ UDOT QUARTERLY REPORT**

Kevin Griffin stated this report includes the reporting period from September 2015 to February 2016. UDOT has advertised and is presently in design/construction of five salt storage facilities; specifically: Region One Complex, Region Two Wendover Facility, Region Three Levan Facility, Region Four Pintura Facility and Region Five Scipio Facility. UDOT is currently designing a new Inspection Building at the Monticello Port of Entry. The Hooper Maintenance Station is now in Phase II which includes the salt storage facility, sander racks, and additional grading and paving at the site. This should be completed by June, 2016. The Region One Morgan Facility (omitted from the report) is currently in the design phase. There was a small delay with this project due to property boundary descriptions but has now been resolved. UDOT does not have a Project Reserve Fund or Contingency Reserve and as a result, any increases

to project costs are resolved by the Maintenance Code One Fund which holds a small reserve. Board members noticed several projects were over budget. Mr. Griffin confirmed this was a current trend due to increase construction costs. Chair Carnahan suggested the Board tour one of the UDOT Maintenance Facilities on their next Capital Facility Tour.

#### □ UNIVERSITY REPORTS

Ken Nye, Facilities Business Director at the University of Utah, reported on the following three reporting periods:

**Reporting Period November 25, 2015 to December 23, 2015** – The University had 13 design agreements and 4 planning/other types of agreements. Construction contracts included six remodeling contracts and two site improvement. Project highlights included:

- 1) Design Contract -- Stadium Scoreboard and Sound Replacement Project which included the traditional architectural design award and the video/sound design;
- 2) Construction Contract – 525 East Office Building Remodel

The Project Reserve Fund saw an increase of \$152,500 when the Art & Architecture Fume Hood & Fire Protection Upgrade Phase 2 came in under budget. The decrease to the fund resulted in \$31,700 from the Field House Building Modification which came in over budget. Mr. Nye noted an error in the current balance of the Project Reserve which would be corrected in the March report.

**Reporting Period December 24, 2015 to January 20, 2016** – The University had five design agreements and four planning/other types of agreements. Construction contracts included five remodeling contracts and one site improvement. These were all normal processes with nothing significant to report for this period. Construction projects were primarily Capital Improvement Projects. There was insignificant activity in the Project Reserve Fund.

**Reporting Period January 20, 2016 to February 17, 2016** – The University had 9 design agreement and 10 planning/other types of agreements. Notable was the award of the Orthopedic Center Expansion Design. This project is being managed by the University per their delegation as the construction budget is under \$10 Million. Construction contracts included two CM/GC agreements which included the Alumni House Addition, which was authorized by the Legislature as part of the FY 15 Revenue Bond Bill, and the Stadium Scoreboard and Sound Replacement, which was authorized by the Building Board in December 2015. The Project Reserve Fund now shows the corrected balance of \$641,062.09. The Contingency Reserve had one substantial draw of \$91,027.42 for the High Temperature Water Plant Replacement Boiler #1 which involved a redesign on the project. Jeff Reddoor asked for clarification that the Project Reserve and Contingency Reserve were for Capital Improvement. Mr. Nye confirmed this and said the University follows the same statute as DFCM. The University recently performed a contingency analysis to assess the adequacy of the Contingency Reserve. This analysis indicated they had about \$500,000 more than needed; however, they have a \$9,000,000 High Temperature Waterline project in their future which they anticipate will utilize these funds. This waterline will be the last part of their Infrastructure Project.

At the conclusion of the University of Utah's report, Chair Carnahan welcomed Julie Fisher, Director of the Department of Heritage and Arts.

Ben Berrett, Director of Planning, Design and Construction for Utah State University, gave reports on the following three reporting periods:

**Reporting Period November 24, 2015 to December 31, 2015** – There were 2 professional contracts and 7 construction contracts. Notable was the construction administration contract for NFS Mechanical System Phase 1 for the design team for \$14,275.00. There were a few decreases from the Contingency Reserve Fund: Morgan Theater Upgrade for \$17,943.57, which included a major HVAC upgrade, lighting, fire sprinklers, and catwalks. The ending balance for Contingency Reserve is \$612,930.52. The Project Reserve is at \$385,187.20.

**Reporting Period December 31, 2015 to January 22, 2016** -- There were 3 professional contracts and 10 construction contracts. Notable was Geary Theater Building Upgrades for design services to upgrade the theatre. This will include HVAC, electrical, and seismic work in Price. Most of the construction contracts were for asbestos abatement. The Contingency Reserve is at \$595,797.11. The Project Reserve saw an increase of \$113,652.15 for the Eccles Conference Center Auditorium Upgrade.

**Reporting Period January 22, 2016 to February 19, 2016** – There were 5 professional contracts and 11 construction contracts. Notable was a design contract for the NE Auxiliary Tunnel Extension which extends the tunnel and replaces utilities in the area between the Edith Bowen School and the Junction. This will prepare undersized and older utilities for growth in this area of campus. In addition, a contract for design services for Merrill Cazier Library Testing Center will convert several classrooms into a 300 person capacity testing center with a separate entrance from the library. Construction contracts included the Romney Stadium Scoreboard project which was divided in two parts – for scoreboard and sound system. The Merrill Cazier Library Testing Center construction contract was also listed. Lastly, the Medium Voltage Upgrades FY16 is for a cable project on the high voltage power system that goes to north campus and includes duct bank and sidewalk for this phase. The Contingency Reserve shows one small change order and a balance of \$587,822.98. The Project Reserve saw a small increase with an ending balance of \$506,832.20 which is a healthy level of funding. Jeff Reddoor requested a year-end report for Contingency and Project Reserve Funds. Mr. Berrett reassured Mr. Reddoor this report is produced annually at the end of the fiscal year.

#### ❑ ADMINISTRATIVE REPORT FOR DFCM

DFCM Director Eric Tholen explained DFCM has compiled their report for the past three months into one report. There were 3 new leases and 8 renewals of existing leases this reporting period. There were 66 professional service agreements (35 were for design and 31 planning/other agreements), and 53 construction contracts. None of the construction contracts used reserve funds. Notable are the three CMGC Contracts (Weber Valley Youth Center, Provo Courthouse, and U of U Ambulatory Care Complex) where the award amount is only a portion of the actual budget amount. There were 5 new space contracts, 35 remodeling contracts, 3 paving/roofing contracts, and 10 other.

The Capital Development Contingency Reserve Fund saw transfers to 15 projects this period for a total of \$1.55 Million and received funds from 2 new projects for a total of \$1.375 Million. The fund currently has a balance of \$6.9 Million. Mr Tholen corrected the report regarding the transfer of funds for WSU Tracy Hall Science Bldg (page 2), which should reference change orders #10 – 12 rather than #19 – 27.

The Capital Improvement Contingency Reserve Fund saw transfers to 12 projects for a total of \$178,000 and received funds from 124 projects for \$1.97 Million as a result of new Capital

Improvement projects. The Capital Improvement Contingency Fund has a current balance of \$6.99 Million. The Contingency Fund Analysis, included in their report, is a compilation of the development and improvement contingency, and identifies the total value and impact should contingency be needed through the life of these projects. The balance of this fund, at a glance, shows \$13.9 Million; however, it has a projected balance of less than \$700,000 in reserve should contingency be needed through the life of these projects. David Tanner suggested a five year historical analysis of the Contingency Reserve Fund may be helpful to the Legislature.

The Capital Development Project Reserve Fund had one transfer of \$15,638 with a balance of \$1.8 Million. There was moderate activity in the Capital Improvement Project Reserve which currently has a \$5.8 Million balance.

David Tanner questioned if DFCM receives a GMP for their CM/GC projects? Are these types of projects dependent on the Project Reserve Fund? Mr. Tanner expressed concern with the rapidly increase of construction costs in the market today and the risks involved. Mr. Tholen explained that DFCM negotiates a fee up front for pre-construction services. The GMP's are set after the design develops and budgets are in place. Jim Russell clarified that if a project is "split funded" or 100% non-state funded (donor), it is not accounted for in the DFCM Contingency or Project Reserve. Funds are held within the project until project completion and then, if "split funded" (for example 50/50 like the U of U), half of the change order would go to DFCM Contingency and the other half would go to the Institution's Contingency. Mr. Tholen referenced the contingency funds used for the Southwest ATC Allied Health & Technology Building which were "split funded".

Jeff Reddoor informed the Board on the four legislative bills being tracked this year.

- 1) SB 156 – State Facilities Amendments: Senator Harper – This bill funds capital improvements at 1.3%. It also requires the Board to create a process for adjustments of O&M. It takes O&M out as a line item and places the collection of O&M into a program and gives additional responsibilities to the Board.
- 2) HB 316 – Building Code Review and Adoption Amendments: Representative Brad Wilson – Code updates. We have suggested amendments to this bill.
- 3) SB 188 – Higher Education Capital Facilities: Senator Stephen Urquhart -- Allows Higher Education to manage their development projects. This bill will be followed closely due to its complexity.
- 4) SB 173 – State Fairpark Revisions: Senator Kevin VanTassell -- Will allow the State Fairpark to operate and do projects under their own authority, and removes DFCM from leasing oversight.

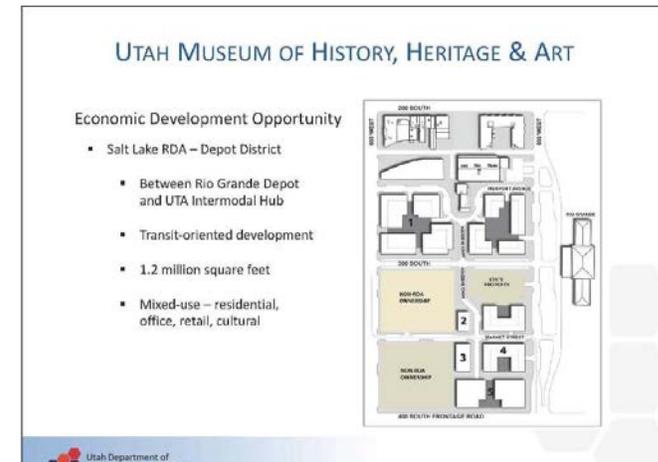
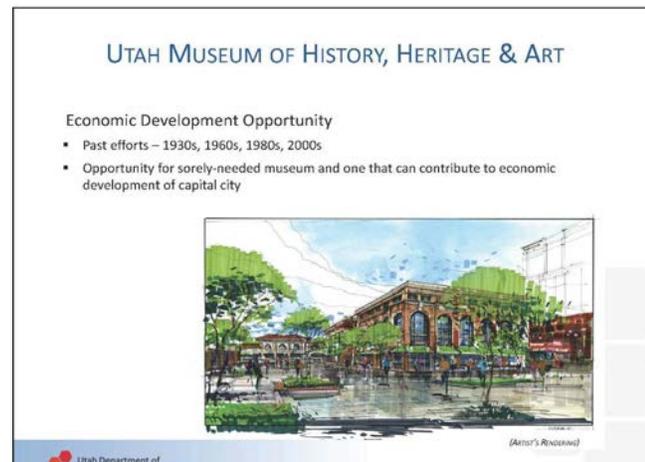
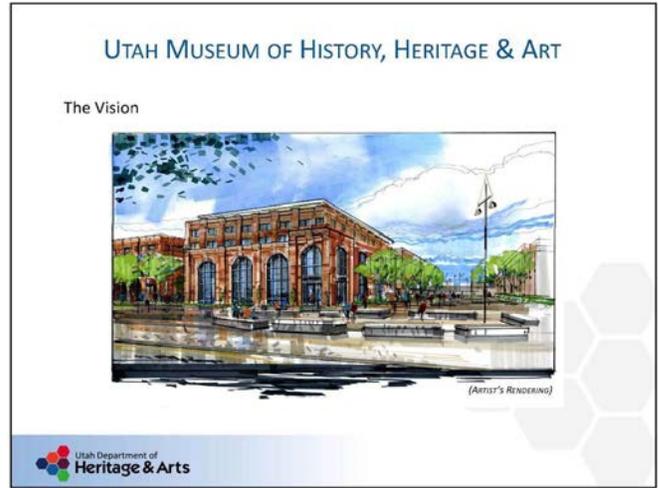
Mr. Reddoor also discussed HB 02, items 34 and 35 which lists the proposed funding for Capital Development Projects for FY 2017.

#### **□ ADJOURNMENT**

**MOTION: Gordon Snow moved to adjourn the meeting. The motion was seconded by David Tanner and passed unanimously.**

The meeting adjourned at 10:53 am.

At the conclusion of the meeting, Julie Fisher and Brian Somers from the Department of Heritage and Arts presented a short presentation; after which, Brad Westwood from State Historic Preservation led Board members on a tour of the Rio Grande Building.



### UTAH MUSEUM OF HISTORY, HERITAGE & ART

#### Economic Development Opportunity

- Salt Lake RDA – Depot District
  - Cultural district
  - Festival street
  - Public market



TEANOMET PLAZA, DENVER

### UTAH MUSEUM OF HISTORY, HERITAGE & ART

#### Economic Development Opportunity

- Salt Lake RDA – Depot District
  - Parcels under contract:
    - Parcel 1 – Boyer Co./ Cowboy Partners
    - Parcel 2 – LandForge/ Community Studio
  - Parcels 3, 4, 5 to be released for RFP in next 2-3 months
  - Infrastructure improvements starting in Summer 2016



### UTAH MUSEUM OF HISTORY, HERITAGE & ART

#### Economic Development Opportunity

- Cultural programming for cultural gateway
- Regional appeal
- Anchor to redevelopment efforts
- Existing state property
- Link to Rio Grande Depot
- Development cost savings
- Street frontage
- Location/transit links



(Artist's Rendering)

### UTAH MUSEUM OF HISTORY, HERITAGE & ART

#### State Collections at Risk

- America's first state-sponsored arts agency – 1899 
- Alice Fine Arts Collection
- ArtHaus
- Utah Historical Society – 1897 
  - 30,000 artifacts
  - 29,163 rare books
  - 1.5 million historical photographs
  - 250,000 manuscripts
- Rio Grande Basement
- Estimated combined value - \$100 million

### UTAH MUSEUM OF HISTORY, HERITAGE & ART

#### The Process Begins

- DHA has Governor Herbert's blessing to gauge potential community and stakeholder support for the vision of a Utah Museum of History, Heritage & Art
  - Community feedback: [heritage.utah.gov/statemuseum](http://heritage.utah.gov/statemuseum)
  - Steering committee
  - Potential donors
  - Space/feasibility studies
  - Engage legislators, state agencies, city partners, other stakeholders



(Artist's Rendering)



Following the tour, the Board met for lunch in the West Lecture Room of the Rio Grande Building.



Gary R. Herbert  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jeff Reddoor  
Date: April 6, 2016  
Subject: **Request for Approval of Revolving Loan Fund for Salt Lake Community College**  
Presenter: Bianca Shama, Energy Program Director

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### **Recommendation:**

As per the administrative rules for the State Facility Energy Efficiency Fund, the State's Energy Revolving Loan Fund, each project seeking funding requires Building Board approval prior to moving forward. Jeff Reddoor recommends the Building Board review the request from Salt Lake Community College. This application has been reviewed and approved by the State Building Energy Efficiency Program Director and is submitted for your approval.

### **Background:**

Attached is an application pending approval for Salt Lake Community College. Salt Lake Community College is requesting a loan in the amount of \$519,930.00. The funds will be used to install a combined heat and power system on the central plant. The payback for this project will be 6.5 years. The estimated loan repayment schedule will begin at the start of 2017. There is a solid plan for M&V on this project through the existing building automation system integrated with Skyspark Building analytics. The project will result in significant energy savings and cost savings as well as extra capacity in the campus hot water system.

JLR: bs  
Attachment  
Loan application and supporting documentation

# State of Utah

## State Facility Energy Efficiency Fund Loan Application

**A. State Agency:**

Salt Lake Community College

**B. Building name & location:**

Distribution Center @ Jordan Campus located at 9000<sup>th</sup> south Wrights Ford road, West Jordan

**C. Building description (use, seasonal variations, square footage):**

Sole utility plant for the campus. Runs year round with seasonal equipment variations.  
11,270 square feet.

**D. Existing building systems and energy usage:**

Central Plant consists of a chilled water plant with chillers, pumps, and towers, as well as a heating plant with boilers, pumps, and expansion tanks. Large amount of campus energy is used here providing both chilled and hot water to the campus.

**E. Project Description:**

Eligible Measure / Materials to be installed	Estimated cost of Measure	Projected Annual Energy Savings	Projected Annual cost Savings
Combined Heat and Power System	\$519,930	1,250,000 kWh	\$75,018
<b>Total</b>	\$519,930	1,250,000 kWh	\$75,018

**F. Rebates and Incentives:**

Provider and type of rebate or incentive	Estimated Amount of incentive
Federal tax credit	\$52,000 (ineligible)
<b>TOTAL</b>	NA

**G. Payback**

**Total** = 6.5 years with escalation

**H. Description of energy costs savings measurement and verification:**

Energy cost savings will be measured by the decrease in our electric utility bills due to our production of electricity. Natural gas bills will go up, so the savings is derived from subtracting the increase in natural gas costs from the decreased electrical costs.

I. **Commissioning procedures. This must include a method of monitoring actual savings resulting from energy efficiency measures implemented using loan money from the fund, using objective and verifiable post-construction measures, if available:**

Trending from our BAS system/SkySpark will show the CHP system output for both heating and power, from which we will be able to calculate the dollars savings the system is providing. Separate generation system benefits from being able to easily calculate the performance and cost savings of its operation.

J. **Other benefits to the environment, community, agency, or State of Utah:**

Net emissions benefits, extra capacity in campus hot water system. Great case study

K. **Total eligible costs to be financed by this loan:**

Estimated costs: \$519,930

Other funds to be used on project:

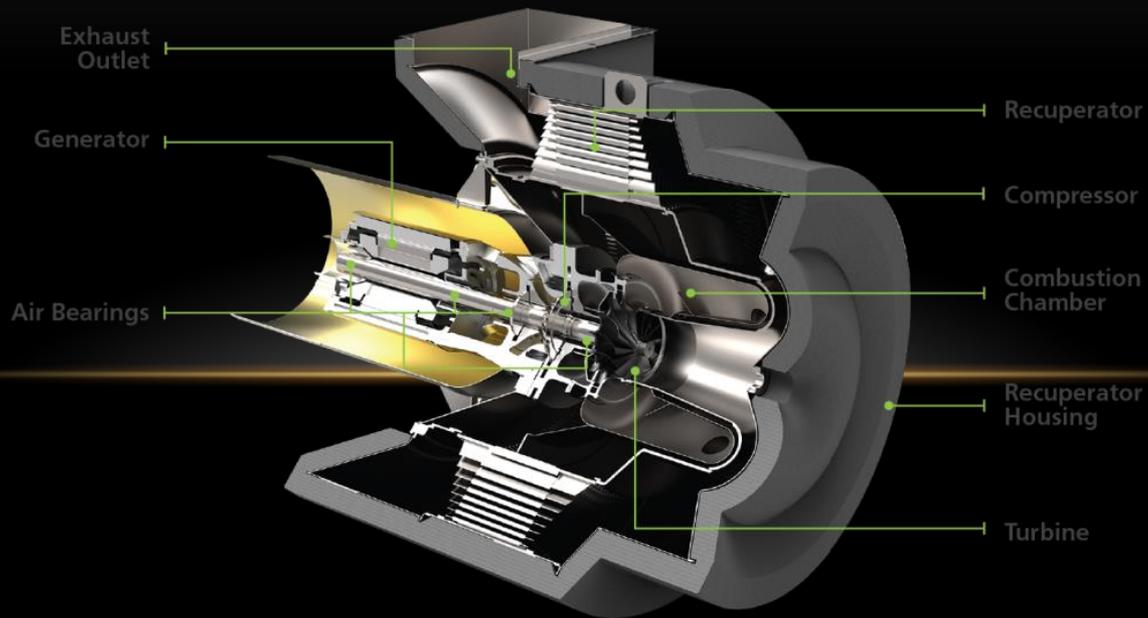
**Total proposed loan amount: \$519,930**

L. **Attachments:**

Project metrics and description

Horizon power proposal technical documents

# COMBINED HEAT AND POWER (CHP)



A Proposal for Jordan Campus

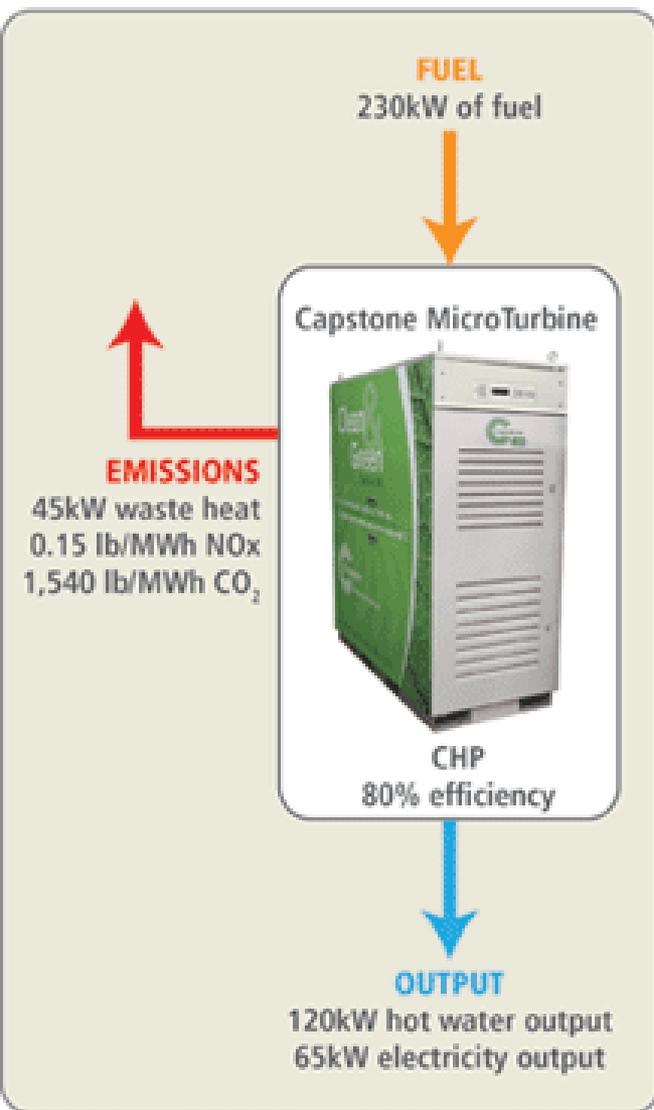
# CHP SYSTEM SPECS

- Size: 195 kW total power output
  - (3) 65 kW natural gas micro turbines
  - Demand reduction and kWh savings
- Integrated hot water heat exchanger per micro turbine
  - Total 31 HP equivalent boiler capacity
- Grid connect micro turbines
  - Dual mode version offers emergency power off grid
  - Can be upgraded in the future if desired

# BENEFITS

- Natural gas generated electricity is reliable and cheap
  - Gas rates are tied to electric rates, minimized risk
- Campus heating water supplemented
  - Provides additional capacity and redundancy of HW system
- Decreases campus peak electrical load to below 1,000 kW
  - Rate schedule change from 8 to 6 saves \$20k/annually
- Scalable capacity if more is needed as campus grows

# To create the same output, traditional sources use more fuel and have much higher emissions

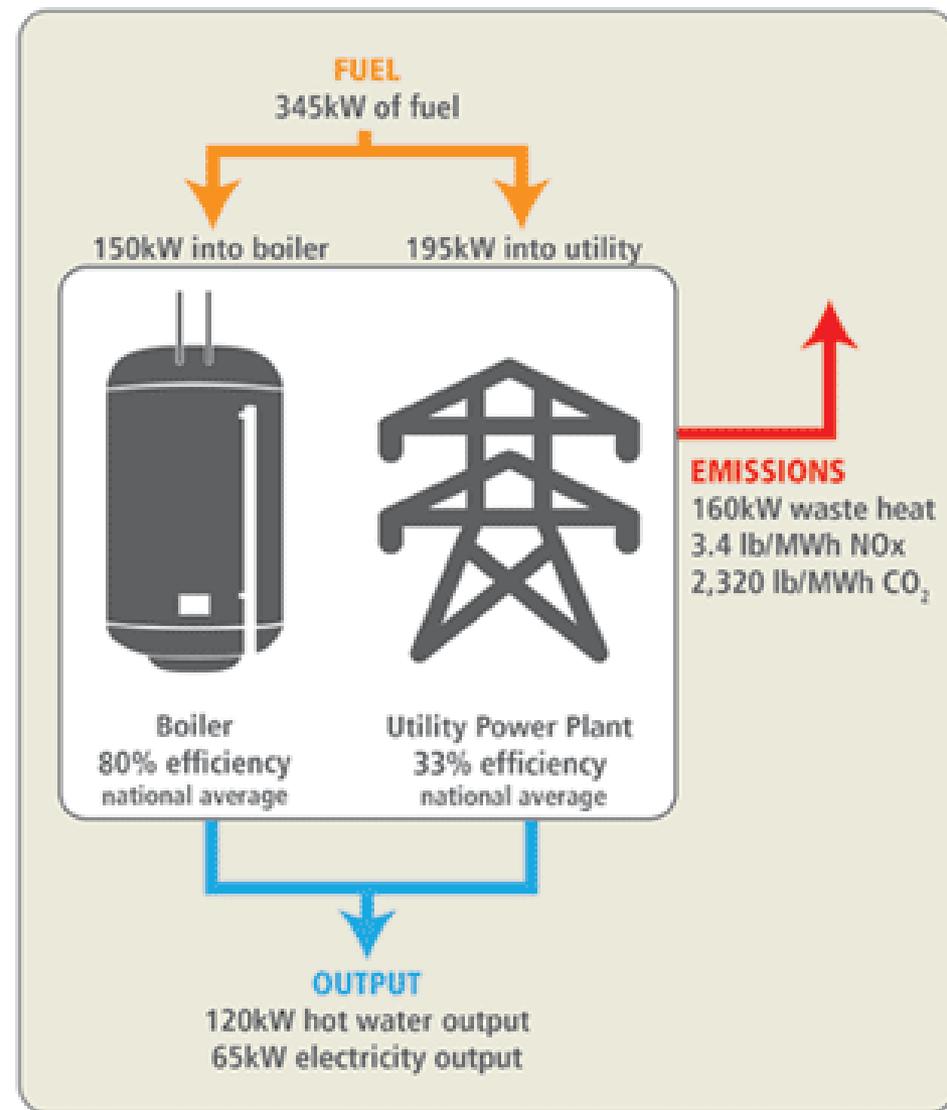


CAPSTONE MICROTURBINES

**FUEL**  
<

**EMISSIONS**  
<

**OUTPUT**  
=



TRADITIONAL SOURCES

# BENEFITS – CONTINUED

- Cheaper gas prices a possible result
    - Consistent gas load presents opportunity to optimize the current gas metering schematic and save on utility bills.
  - Reduction of overall campus source emissions
    - Inversion mitigation
-

# FACTORY PROTECTION PLAN

- Included in fuel costs, \$28,908/annually
  - covers all maintenance, planned and unplanned
- 79,999 run hours, 9 years
  - parts, labor, and engine overhaul
- 15 – 20 year equipment lifespan
- Cheaper, less coverage options available

# INSTALL

- Installation costs estimated, but consistent across proposals
- We provide engineering and installation
  - Support from applications engineers to ensure best design
  - VBFA used for engineering of Jordan River Temple system
- Inside vs Outside installation
  - System heat rejection indoors may require HVAC modified
  - High ambient temps adversely affect performance

# OPERATIONS

- Tied into existing BAS for monitoring operations
  - Local control interface at system
  - Can be controlled by any sensor inputs hw temp, kw, ect
- Full bypass mode if waste heat isn't needed
  - Small amount of heat always rejected to keep system cool

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Avg. Ambient Temp F	36	44	52	61	71	82	92	88	78	66	50	37	72
Net Electrical Output (kW)	195	189	181	171	161	150	140	144	154	166	183	195	169
Heating Output (kW)	309	311	305	300	298	295	292	290	295	306	310	310	301

# PAYBACK

- System has a 6.5 year ROI.
- \$75,018 net cash flow beginning first year
  - escalation rate is 2% annually
- Year 10 cumulative cost savings of \$300,000
- More aggressive payback schedule possible due to the additional utility savings of various other projects

END

# Project Summary

## Project Information

Company Name	SLCC Jordan Campus - baseload		
Facility Description	College; \$5.58 TS & \$20k in additional savings from rate migration from Schedule 8 to Schedule 6		
Facility Location	Jordan, Utah		
Date of Analysis	8-Jul-15	Prepared By	Jeff Dixon

## Benefits Summary

10 yr IRR	9.2%
10 yr NPV	\$28,924
Payback Period [Years]	6.52
Discount Rate	8.0%

Calculations include benefits from:

Electricity Production; Heat Cogeneration; Power Quality/ Reliability;
--

## 5 Year Cash Flow Analysis

	Initial	Year 1	Year 2	Year 3	Year 4	Year 5
Net Investment	(\$519,930)					
Total Annual Benefits		\$212,784	\$216,627	\$220,546	\$224,545	\$228,623
Fuel & O&M Costs		(\$137,766)	(\$139,944)	(\$142,164)	(\$144,429)	(\$146,740)
Net Cash Flow	(\$519,930)	\$75,018	\$76,683	\$78,382	\$80,115	\$81,883
Discounted Cash Flow	(\$519,930)	\$69,461	\$65,743	\$62,222	\$58,887	\$55,728

## Equipment, Investment, and Operating Summary

Capstone MicroTurbines	3 x 65
Configuration	65C-HD4-DU00
Fuel Source	HP Natural Gas

Total System Power Rating	195	kW
Avg Monthly Generated Power	123,667	kWh per Month
Avg Price of Offset Utility Power	\$0.082	\$/kWh
Equivalent Cars Removed	113	using EPA data

Total Installed Cost	(\$519,930)
Installation/Equipment Rebates	\$0
Avoided Equipment Costs	\$0
Financing/Tax Credits	\$0
Net Investment	(\$519,930)

Operating Hours/Year		Efficiency [LHV]	
Microturbine	8,760	79.9%	Overall Total
Heat	8,760	79.9%	during Heat
Cooling	0	N/A	during Cooling*
* using thermal input, not cooling output		54.2%	FERC

Disclaimer: The software used to create this Economic Calculator is provided as a tool for estimation of the potential value of installing and operating a Capstone microturbine system. The calculated results are based on Capstone's published specifications and certain performance assumptions by Capstone when there is a range of performance possibilities for the Capstone microturbine (which performance is subject to change without notice). The Economic Calculator requires the user to input certain additional assumptions regarding conditions of operation, as well as certain location specific information. The Economic Calculator results will change depending on changes to the assumptions, including lower or higher assumptions where there is a range of possible performance criteria, changes in operation, and changes in location. Neither Capstone, nor any of its representatives, can guarantee that these projected savings will occur or that the calculations made by the Economic Calculator are accurate or error-free. The output from the Economic Calculator in no way constitutes a commitment by Capstone that the forecasted savings or performance will be achieved.

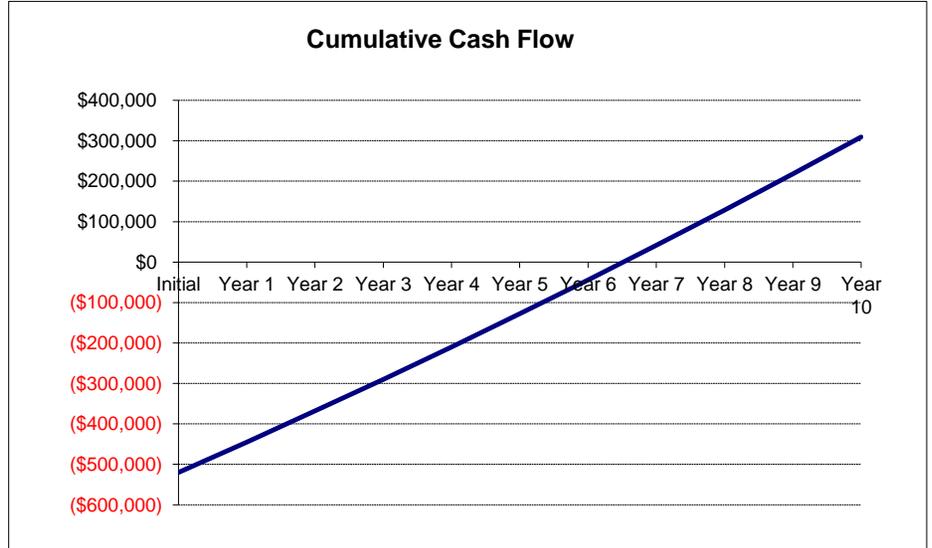
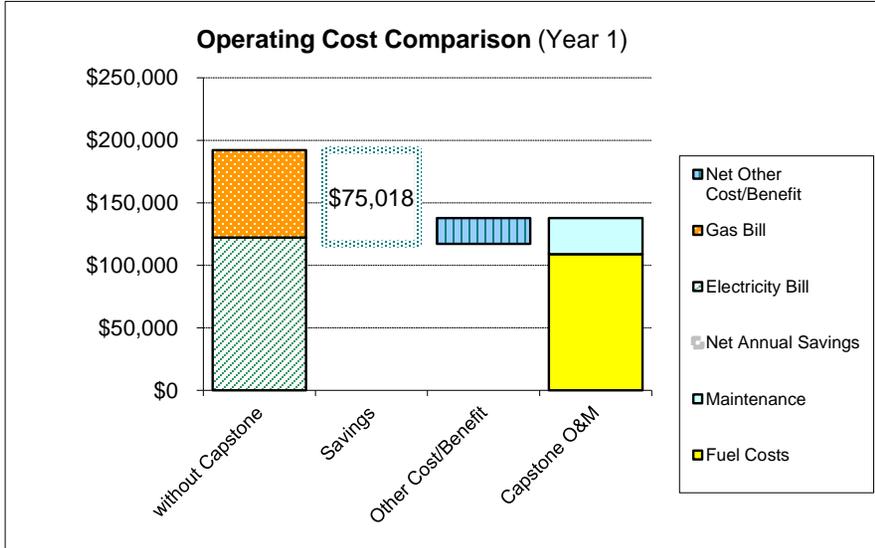
# Payback Analysis

	Initial	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
<b>Total Installed Cost</b>	\$519,930										
<b>Fuel, O&amp;M, and Other Costs</b>		\$137,766	\$139,944	\$142,164	\$144,429	\$146,740	\$149,096	\$151,500	\$153,952	\$156,453	\$159,004

Savings/Avoided Costs	Include in Analysis?	Initial	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Electricity Production <input checked="" type="checkbox"/>			\$122,282	\$124,728	\$127,222	\$129,767	\$132,362	\$135,009	\$137,710	\$140,464	\$143,273	\$146,138
Heat Cogeneration <input checked="" type="checkbox"/>		\$0	\$69,861	\$71,258	\$72,683	\$74,137	\$75,620	\$77,132	\$78,675	\$80,248	\$81,853	\$83,490
Cooling <input type="checkbox"/>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Power Quality/ Reliability <input checked="" type="checkbox"/>		\$0	\$20,641	\$20,641	\$20,641	\$20,641	\$20,641	\$20,641	\$20,641	\$20,641	\$20,641	\$20,641
Financing/ Inv. Tax Credits <input type="checkbox"/>		\$51,993	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Emissions Credits <input type="checkbox"/>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Depreciation Tax Benefit <input type="checkbox"/>			\$42,634	\$68,215	\$40,929	\$24,557	\$24,557	\$12,279	\$0	\$0	\$0	\$0
<b>Total</b>		\$0	\$212,784	\$216,627	\$220,546	\$224,545	\$228,623	\$232,782	\$237,025	\$241,353	\$245,767	\$250,270

<b>Net Cash Flow</b>	(\$519,930)	\$75,018	\$76,683	\$78,382	\$80,115	\$81,883	\$83,686	\$85,525	\$87,401	\$89,314	\$91,266
<b>Cumulative Cash Flow</b>	(\$519,930)	(\$444,912)	(\$368,229)	(\$289,847)	(\$209,732)	(\$127,849)	(\$44,163)	\$41,362	\$128,763	\$218,077	\$309,342

Depreciation Method	MACRS 5 YR (half-yr convection)	Annual Savings (Year 1)	\$75,018	Operating Hours/year	
Depreciation Timeline	5 years	10 yr IRR	9.2%	Microturbine	8,760
Tax Rate	41%	10 yr NPV	\$28,924	Heat	8,760
		Payback Period [Years]	6.52	Cooling	0





Gary R. Herbert  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jeff Reddoor  
Date: April 6, 2016  
Subject: **Request for Approval of the State's New "Existing Building" Metering Standard**  
Presenter: Bianca Shama, Energy Program Director

---

### **Recommendation:**

Jeff Reddoor recommends the Board approve the New "Existing Building" Metering Standard.

### **Background:**

Attached is the proposed standard for the installation of building level meters on state buildings. This standard attempts to closely reflect the requirements in the High Performance Building Standard to keep consistency in the standard for energy metering throughout state buildings. A draft of this standard was distributed to all Agencies and Institutions as well as the Construction/Design Community for input on December 15, 2015. All comments received were reviewed and incorporated into the working document and then redistributed for comments on February 11, 2016. During the second comment period, there were no fundamental concerns received on the revised document. The purpose of this document is to provide consistency and guidance as we install building level meters throughout the State to meet the intent of SB 217.

JLR: bs  
Attachment

## Existing Building Metering

The intent of this document is to provide guidance to the installation of building level meters on buildings over 3000 sq/ft when certain meters do not exist on a building. DFCM recognizes the unique circumstances that exist in the variety of facilities throughout the State of Utah and this document is intended to offer best practice and consistency in metering practice across the State of Utah portfolio of buildings. It is the intent of this document to allow for the flexibility to make adjustments to these standards with DFCM approval that offer the best metering design solution fit for existing buildings.

### A. Metering System Scope

(1) All state agencies and institutions shall incorporate the utility metering requirements of this section into all existing buildings over 3000 sq/ft owned by the State of Utah when incorporating new meters into an existing building. The scope of metering shall include at minimum:

- a. Meters on each utility connected to the building, including but not limited to power, natural gas/propane, domestic water, irrigation water, chilled water, either steam or condensate, and heating water, and based on the needs of the agencies and institutions shall be able to provide monthly data that is reportable to the DFCM by an agreed upon format or shall be connected to an energy metering monitor network.

### B. Monitoring Network for Utility Meters Guidelines

(1) Based on the needs of each agency and institution it is the preference for the monitoring network to be connected to each meter and submeter in the building. This network shall have the option to connect to the building controls network via a dedicated automation engine device such as a JACE, NAE, or equivalent as approved by DFCM. Communication protocol on the monitoring network shall be BACnet, LON, and/or Modbus RTU and shall be coordinated with the building automation network. All devices connecting to this network shall use the selected communication protocol as their standard means of communication and shall make all data points readily available for monitoring through the network. A schematic of the monitoring network shall be include in the construction drawings.

- a. Meter the entire building electrical load at the main service entrance when utility meter is not present at building level. Provide additional submeters for large renewable energy projects that interconnect to the building electrical panels. i. Submeters shall connect to the monitoring network.
- b. The meter monitoring network shall be capable of communicating with a utility data collection interface. Trends need to have the capacity to collect data at minimum 15 minute intervals coincident for each meter on the network.
- c. The meter monitoring network shall be provided with export capabilities of a minimum of 30 days of data at 15 minute intervals, for all metered points, with trend data required, to either CSV or SQL format.
- d. Construction documents shall include schedules and locations of meters, and require submittals of meters for review by the design team, DFCM, and contractor or persons defined in scope of project to review installation, calibration and operations of meter systems.

### C. Utility Meter Requirements

(1) Electric Power Meters:

- a. Provide digital power meters on all buildings over 3000 sq/ft at main connection to the building.
- b. Provide power meter output in the communication protocol selected for the meter monitoring network.
- c. For monitoring any additional submeters, connect all back to a central location for interface with the Building Automation system node. Provide riser, plans, and details of wiring and conduit connections. Carefully consider how meter wiring can be routed and connected through switchboards. Consider how meters and wiring can be serviced in live switchboards. An acceptable alternate to switchboard mounting is a separate bank of meters adjacent to the switchboard.
- d. Meters shall meet the ANSI standard for billable type meters. Provide meters to monitor with true RMS metering, with 0.2% accuracy.
- e. Power meters shall have on board clock with date and time, and be able to record the day and time of any maximum demands or other events.
- f. Monitor shall include instantaneous demand for kW, kWh, power factor PF, and shall also include maximum demand kW and total kWh.
- g. Power meters shall have an on board digital display that reports measured voltage, amperage, kW, kWh, and power factor. The digital display shall be programmed and calibrated against a portable meter. Verification and commissioning is required for the monitoring network and the on unit digital display.

- h. For large switchboards exceeding 2000 amp, or for medium voltage exceeding 4160 volt, provide test blocks on the face of the switchboard for testing the CT's and PT's. For medium voltage application, provide three PT's, 3 phase 4 wire system, and multiple tap CT's.
- i. For main service meters, additional meter functions may be considered at the main service such as Total Harmonic Distortion, waveform capture, high speed event capture, and power analysis data. Do not provide these features for submetering unless requested by the agency or user group.
- j. Where application calls for netmetering, provide this function.
- k. Metering and submetering data shall be coincident, with trending available independently for each individual metering point.

(2) Natural Gas/Propane Meters:

- a. Provide diaphragm type flow meters for sizes up to 1,000,000 Btu/h. Provide rotary type flow meters for sizes above 1,000,000 Btu/h. Accuracy on diaphragm meters shall be +/- 3% over the published flow range of the meter. Accuracy of the rotary meter shall be +/- 2% over the published flow range of the meter. Verify that maximum and minimum flow requirements for the project are suitable for the meter selected. Include requirement in the contract documents to correct meter multiplier for project gas pressure. Other meters meeting the accuracy requirements will be considered pending DFCM approval.
- b. Provide a strainer upstream of all meters. Provide a bypass around meters. If meter is installed outside, route output wiring to local display inside building mechanical room. Orient pipe horizontally where meter is installed. Meter installation shall be in accordance with manufacturer's specifications. Show straight pipe requirements on contract drawings (12 pipe diameters upstream and 7 pipe diameters downstream, unless more is required by manufacturer). Strainers and bypass fittings are not to be included in the straight pipe length.
- c. If the meter is provided with a dry-contact pulse output, a 4-20 mA output, or a proprietary protocol, require a controller/convertor be provided to convert the signal to the communication protocol used in the meter monitoring network.
- d. Meter output to the monitoring network shall provide instantaneous flow rate as well as totalized flow rate. A local display shall be provided that shows these flow rates at the meter. It is the recommendation that units shall be in CFH for instantaneous flow rate and 100's of cubic feet (CF) for the totalized flow rate.

(3) Domestic/Irrigation Water Meters:

- a. Provide positive displacement type flow meters for sizes up to 2" and direct coupled turbine type flow meters for sizes up to 20". Insertion turbine type flow meters are acceptable in sizes from 2 1/2" to 8". Accuracy on all meters shall be +/- 2% over the published flow range of the meter. Verify that maximum and minimum flow requirements for the project are suitable for the meter selected. Other meters meeting the accuracy requirements will be considered pending DFCM approval including electromagnetic meters when water quality is too hard (these must be tied to proper ground)..
- b. Provide a strainer upstream of all meters. Provide a bypass around meters that are installed inline. Bypasses are not required for insertion turbine meters that can be removed from the pipeline for maintenance without interrupting flow. Provide a test port downstream of meters.
- c. Install meter in well-lit and easily accessible area (irrigation meters may be installed in underground meter boxes, but display shall be located inside adjacent buildings). Orient pipe horizontally where meter is installed. Meter installation shall be in accordance with manufacturer's specifications. Show straight pipe requirements on contract drawings (12 pipe diameters upstream and 7 pipe diameters downstream, unless more is required by manufacturer). Strainers and bypass fittings are not to be included in the straight pipe length.
- d. If the meter is provided with a dry-contact pulse output, a 4-20 mA output, or a proprietary protocol, require a controller/convertor be provided to convert the signal to the communication protocol used in the meter monitoring network.
- e. Meter output to the monitoring network shall provide instantaneous flow rate as well as totalized flow rate. A local display shall be provided that shows these flow rates at the meter. Units shall be in GPM for instantaneous flow rate and Gallons, or 10's of Gallons, or 100's of gallons for the totalized flow rate as applicable to the project size.

(4) Steam Meters:

- a. Provide a vortex type mass flow meter with integral density compensation. Accuracy to be +/-2% over the published range of the meter. Verify that maximum and minimum flow requirements for the project are

suitable for the meter selected. Other meters meeting the accuracy requirements will be considered pending DFCM approval.

b. Provide a strainer and drip leg upstream of all meters. Provide a bypass around meters.

c. Install meter in well-lit and easily accessible area. Orient pipe horizontally where meter is installed. Meter installation shall be in accordance with manufacturer's specifications. Show straight pipe requirements on contract drawings (12 pipe diameters upstream and 7 pipe diameters downstream, unless more is required by manufacturer). Strainers and bypass fittings are not to be included in the straight pipe length.

d. If the meter is provided with a dry-contact pulse output, a 4-20 mA output, or a proprietary protocol, require a controller/convertor be provided to convert the signal to the communication protocol used in the meter monitoring network.

e. Meter output to the monitoring network shall provide instantaneous flow rate as well as totalized flow rate. A local display shall be provided that shows these flow rates at the meter. Units shall be in MBTU.

#### (5) Condensate Meters

a. Provide positive displacement type flow meters for sizes up to 2" and direct coupled turbine type flow meters for sizes up to 20". All condensate meters shall be rated for operation with fluids up to 230 °F. Accuracy on all meters shall be +/- 2% over the published flow range of the meter. Verify that maximum and minimum flow requirements for the project are suitable for the meter selected. Other meters meeting the accuracy requirements will be considered pending DFCM approval.

b. Provide a strainer upstream of all meters. Provide a bypass around meters that are installed inline. Require that meter be installed in a low point in the piping system to ensure the pipe remains full of water. Provide a test port downstream of meters.

c. Install meter in well-lit and easily accessible area. Orient pipe horizontally where meter is installed. Meter installation shall be in accordance with manufacturer's specifications. Show straight pipe requirements on contract drawings (12 pipe diameters upstream and 7 pipe diameters downstream, unless more is required by manufacturer). Strainers and bypass fittings are not to be included in the straight pipe length.

d. If the meter is provided with a dry-contact pulse output, a 4-20 mA output, or a proprietary protocol, require a controller/convertor be provided to convert the signal to the communication protocol used in the meter monitoring network.

e. Meter output to the monitoring network shall provide instantaneous flow rate as well as totalized flow rate. A local display shall be provided that shows these flow rates at the meter. Units shall be in GPM for instantaneous flow rate and Gallons, or 10's of Gallons, or 100's of gallons for the totalized flow rate as applicable to the project size.

#### (6) Chilled Water or Heating Water (Below 200 °F)

a. On buildings that receive chilled water or heating water from a remote plant, provide a BTU meter that consists of flow meter, supply and return temperature sensors (matched pair of RTDs), and local display that calculates GPM, Btu/h, and totalizes Btu readings. The flow meter shall be an insertion turbine meter for pipe sizes from 2 1/2" to 8". For sizes larger than 8", the flow meter shall be an electromagnetic or ultrasonic flow meter. Accuracy to be +/-2% over the published range of the meter. Verify that maximum and minimum flow requirements for the project are suitable for the meter selected. Other meters meeting the accuracy requirements will be considered pending DFCM approval.

b. Provide a strainer upstream of all meters. Provide a bypass around meters that are installed inline. Bypasses are not required for insertion turbine meters or ultrasonic flow meters that can be removed from the pipeline for maintenance without interrupting flow. Provide a test port downstream of meters.

c. Install meter in well-lit and easily accessible area. Orient pipe horizontally where meter is installed. Meter installation shall be in accordance with manufacturer's specifications. Show straight pipe requirements on contract drawings (12 pipe diameters upstream and 7 pipe diameters downstream, unless more is required by manufacturer). Strainers and bypass fittings are not to be included in the straight pipe length.

d. Meter output to the monitoring network shall provide instantaneous flow rate, supply and return temperatures, instantaneous energy transfer rate as well as totalized flow and totalized energy transfer. A local display shall be provided that shows these values at the meter. Units shall be in GPM for instantaneous flow rate, Btu/h for instantaneous energy transfer rate, and 1,000,000's of Btu for the totalized energy transfer. If room temperature will exceed 85 °F, move display to adjacent cooler room.

(7) High Temperature Heating Water (Above 200 °F)

- a. On buildings that receive high temperature heating water from a remote plant, provide a BTU meter that consists of flow meter, supply and return temperature sensors (matched pair of RTDs), and local display that calculates GPM, Btu/h, and totalizes Btu readings. The flow meter shall be an ultrasonic or flange to flange insertion type flow meter. Verify with DFCM or agency for each project. All components in this system shall be rated for temperatures up to 750 °F. Accuracy to be +/-2% over the published range of the meter. Verify that maximum and minimum flow requirements for the project are suitable for the meter selected. Other meters meeting the accuracy requirements will be considered pending DFCM approval.
- b. Provide a bypass around meters that are installed inline. Bypasses are not required for ultrasonic flow meters that can be removed from the pipeline for maintenance without interrupting flow.
- c. Install meter in well-lit and easily accessible area. Orient pipe horizontally where meter is installed. Locate flow meter on return line. Meter installation shall be in accordance with manufacturer's specifications. Show straight pipe requirements on contract drawings (12 pipe diameters upstream and 7 pipe diameters downstream, unless more is required by manufacturer). Strainers and bypass fittings are not to be included in the straight pipe length.
- d. Meter output to the monitoring network shall provide instantaneous flow rate, supply and return temperatures, instantaneous energy transfer rate as well as totalized flow and totalized energy transfer. A local display shall be provided that shows these values at the meter. Units shall be in GPM for instantaneous flow rate, Btu/h for instantaneous energy transfer rate, and 1,000,000's of Btu for the totalized energy transfer. If room temperature will exceed 85 °F, move display to adjacent cooler room.



Gary R. Herbert  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jeff Reddoor  
Date: April 6, 2016  
Subject: **Funding Certification for the Salt Lake Community College Career and Technology Education Center at Westpointe**  
Presenter: Denece Huftalin, SLCC President

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### **Recommendation:**

Jeff Reddoor requests the Board review the attached letter from Salt Lake Community College President Denece Huftalin certifying the funds for the Career and Technology Education Center at Westpointe are in place. The Legislature appropriated \$42,590,500.00 for the construction of the Career and Technology Education Center with alternate funding of \$250,000.00 from SLCC provided through donations and other institutional sources. A motion for approval is required by the Board.

### **Background:**

The 2015 Utah State Legislature directed the Building Board to adopt a policy to approve "Other Funding Source Certification for State-Funded Buildings." As a result, the Board adopted a policy for this process during last April's meeting. The Legislature required the Board to certify that:

- (1) the Board has received credible evidence that any other funding sources for a building as presented to the State Building Board and the Legislature during their prioritization processes are actually available, and
  - (2) until the State Building Board votes to certify that such funds are available."
- [SB 2] The Legislature prohibited the Division of Facilities, Construction and Management (DFCM) from expending any state funds until the State Building Board verified the availability of alternative funding sources (see S.B. 2, Item 45).

This policy clarifies the process for certifying by the State Building Board that they have received credible evidence that the other funding sources (as presented to the Board and the Legislature during their prioritization processes) are actually available; and the Board vote to certify that such funds are available.

JLR: cn  
Attachments



March 24, 2016

Mr. Jeff Reddoor, Director  
Utah State Building Board  
4110 State Office Building  
Salt Lake City, UT 84114

Subject: Funding Commitment for Salt Lake Community College's Westpointe Center

Dear Mr. Reddoor,

The Westpointe Career and Technical Education Center at Salt Lake Community College received an appropriation of \$42,590,500 in state funds through the 2016 legislative session. As directed by the Utah State Legislature's policy for "Other Funding Source Certification for State-Funded Buildings" I am sending you the gift agreement that details our private donation for this building.

The Hexcel Corporation committed \$250,000 to support our composites lab in the Westpointe Center. Other institutional funds are available to cover the commitment pending acquisition of the balance of the donation. If an unforeseen constraint arises that cancels this funding, SLCC has the capacity and will pay for project costs.

Please submit this letter to the Utah State Building Board seeking their certification that non-state funds are available for this project as called for by Item 34 of Senate Bill 2 as well as R23-24-4 Policy.

Sincerely,

A handwritten signature in black ink that reads "Deneece G. Huftalin". The signature is written in a cursive style with a large initial 'D'.

Deneece G. Huftalin, PhD  
President

cc: Dennis Klaus, VP, Business Services, SLCC  
Tim Sheehan, VP, Government and Community Relations, SLCC  
Bob Askerlund, Assistant VP, Facilities, SLCC



## **Gift Agreement between Hexcel Corporation and The Salt Lake Community College Foundation**

### **I. Introduction**

The purpose of this agreement is to summarize the mutual understanding of Hexcel (Donors) and the Salt Lake Community College Foundation (Foundation), for the benefit of the advanced composites training program at Salt Lake Community College (SLCC) regarding an irrevocable gift to the Foundation. The Donors' gift will support the SLCC faculty, students, and facilities. This agreement will be made a part of the Foundation's permanent records and is intended to serve as a guide to those who will administer these funds in the future.

### **II. The Salt Lake Community College Foundation**

The Foundation represents that it is qualified as a charitable organization and a 501(c)(3) non-profit public benefit organization (Federal ID 94-2886220)

### **III. Description of the Gift**

The Donors' wish to demonstrate their support Salt Lake Community College by irrevocably pledging two hundred fifty thousand dollars (\$250,000) over a five (5) year period beginning in 2015. The gift will be made as follows:

- Capital equipment donation (in place) market value (\$200,000)
- Ongoing materials donation over the next five years (carbon fiber, screens, pre-preg layup supplies, etc.) at a market value \$5,000 per year (based on existing annual donation value) to total 25k
- \$25,000 in scholarships over the next five (5) years targeted to composites training, non-destructive testing, and pre-engineering-- \$2,000 will provided immediately to secure status as a sponsor for the 2015 Gail Miller Utah Leadership Cup golf tournament.

### **IV. Uses of the Gift**

The dollars received from the gift will be used as follows:

For a two hundred thousand dollar (\$200,000) contribution of equipment and materials, the Donors' will name a room on campus for a five (5) year period to be known as the HEXCEL COMPOSITE PRODUCTION LAB.

For a twenty five thousand dollar (\$25,000) contribution, the Donors' will provide five (5) one thousand dollar (\$1,000) named scholarships for a five (5) year period to be known as the HEXCEL COMPOSITES SCHOLARSHIPS.

---

## **V. Naming Considerations**

In recognition of the Donors' support as described by this document, and upon receipt of the initial gift, SLCC agrees to name the composites production lab the "HEXCEL COMPOSITE PRODUCTION LAB." The naming will be handled consistent with College policy, including identification of the classroom name on maps, through appropriate signage, and in all written materials referencing the classroom.

The named classroom will remain for a period of five (5) years. Should there be additional space added to the lab area during this five (5) year period, Salt Lake Community College President may, in consultation with the Donors, if possible, address any changes that impact the original intent of the named classroom and suggest whether any amendments to this agreement are needed.

## **VI. Recognition**

In recognition of this gift, SLCC agrees to name the classroom the "HEXCEL COMPOSITE PRODUCTION LAB." The Donor agrees to allow SLCC to publish their name in various publications and press releases. For recognition purposes, the Donors shall be identified as "Hexcel Corporation."

## **VII. Unforeseeable Circumstances**

In the unlikely event that, at some future time, it becomes impossible for the gift to serve the specific purpose for which it was created, the President shall direct that the principal and income be devoted to purposes that are deemed to be the most consistent with the wishes of the Donors and, if possible, in consultation with the Donors.

## **VIII. Binding Obligation**

The Donor intends this Gift Agreement to be fully enforceable to the Donor to the extent that the obligation has not been satisfied by gifts completed following the date of this Agreement.

## **IX. Miscellaneous**

- a. Situs: This gift agreement is executed in and shall be governed by the laws of the state of Utah.
  - b. Amendment: This gift agreement may be amended at any time by written agreement signed by each party.
  - c. Effective date: The effective date of this agreement shall be the date this agreement is fully executed.
-

**X. Signatures of Agreement**

**For the Donors:**

Gene Runtz 6-22-15  
Donor Date

John L. Hall 6-22-15  
Donor Date

**For the SLCC Foundation:**

Nancy A. Nichol 6-22-15  
Foundation Representative Date

Kim Henrichsen 6-22-15  
Foundation President Date

---



Gary R. Herbert  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jeff Reddoor  
Date: April 6, 2016  
Subject: **Funding Certification for the Utah State University Biological Sciences Building**  
Presenter: Ben Berrett, USU Director of Planning, Design, and Construction

---

### **Recommendation:**

Jeff Reddoor requests the Board review the attached letter from Utah State University President Stan Albrecht and Vice President of Business & Finance David Cowley certifying the funds for the Biological Sciences Building are in place and immediately available for this project. The Legislature appropriated \$28 Million in FY 2017 and \$10 Million FY 2018 for the construction of the Biological Sciences Building with alternate funding of \$7 Million from USU provided through donations and other institutional sources, totaling \$45 Million. A motion for approval is required by the Board.

### **Background:**

The 2015 Utah State Legislature directed the Building Board to adopt a policy to approve "Other Funding Source Certification for State-Funded Buildings." As a result, the Board adopted a policy for this process during last April's meeting. The Legislature required the Board to certify that:

- (1) the Board has received credible evidence that any other funding sources for a building as presented to the State Building Board and the Legislature during their prioritization processes are actually available, and
  - (2) until the State Building Board votes to certify that such funds are available."
- [SB 2] The Legislature prohibited the Division of Facilities, Construction and Management (DFCM) from expending any state funds until the State Building Board verified the availability of alternative funding sources (see S.B. 2, Item 45).

This policy clarifies the process for certifying by the State Building Board that they have received credible evidence that the other funding sources (as presented to the Board and the Legislature during their prioritization processes) are actually available; and the Board vote to certify that such funds are available.

JLR: cn  
Attachments



March 16, 2016

Jeff Reddoor, Building Board Manager  
State Building Board  
State Office Building Room 4110  
PO Box 141160  
Salt Lake City, Utah 84114-1284

**SUBJECT: Funding Commitment for the USU Biological Sciences Building**

Dear Jeff,

In the 2016 Legislative session, the USU Biological Sciences Building project was approved with \$28 million in funds to be appropriated in fiscal year 2017 and \$10 million to be appropriated in fiscal year 2018. The \$38 million state-funds will be combined with \$7 million from private donations and other institutional sources for a total of \$45 million.

With this letter we confirm to you that USU has the entire \$7 million of non-state funds on hand and that it is immediately available for this project.

We respectfully request that you take the necessary steps to provide the DFCM with approval from the Building Board to begin this project for USU.

Sincerely,

Stan L. Albrecht  
President

David T. Cowley  
Vice President for Business & Finance

cc: Charles Darnell  
Ben Berrett  
Brandi Gittins



Gary R. Herbert  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jeff Reddoor  
Date: April 6, 2016  
Subject: **Request for Approval of Design and Construction of the Athletic Field Dome at the Utah Valley University Vineyard Campus**  
Presenter: Kurt Baxter, UVU Director of Engineering and Space

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### **Recommendation**

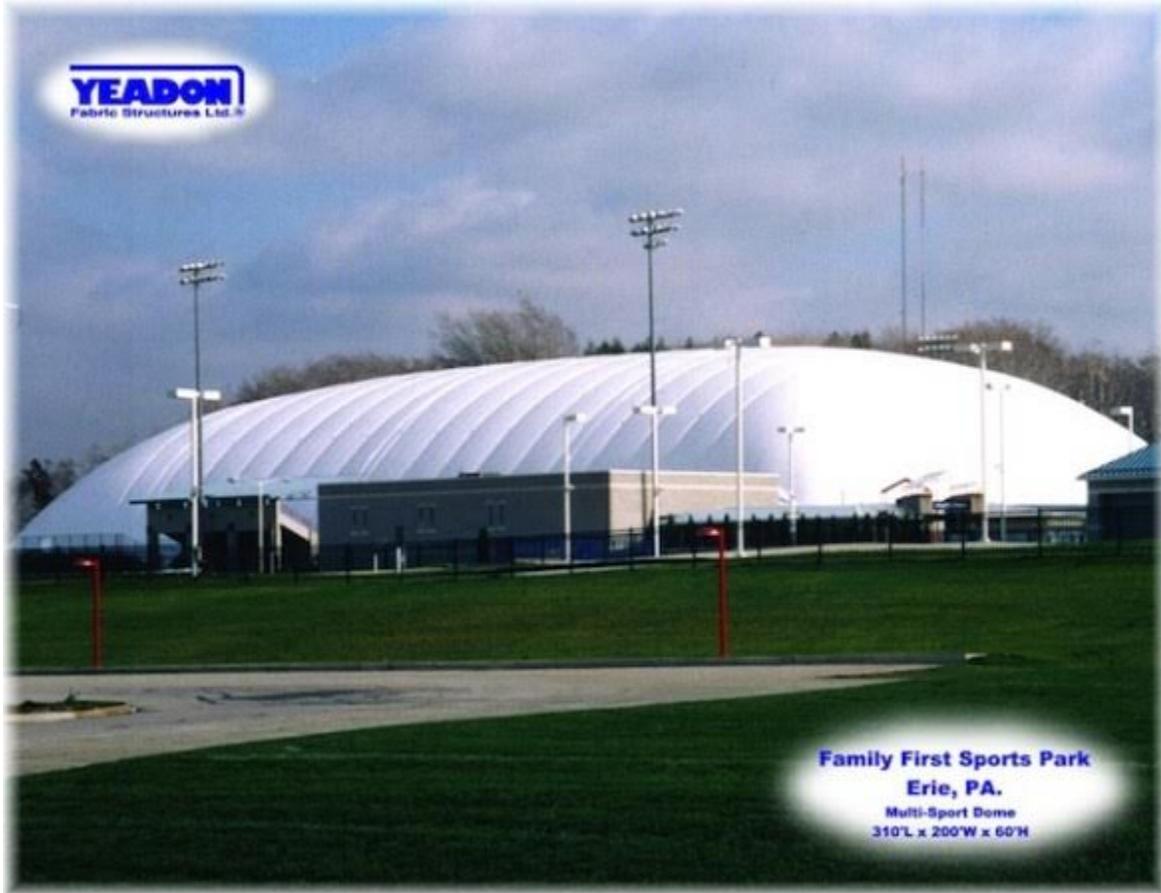
Jeff Reddoor recommends the Building Board approve the request from Utah Valley University to construct a Fabric Air Structure Cover at the Vineyard Intramural Fields.

### **Background**

UVU request approval to hire a firm to design and construct an air structure dome for one (1) of the Vineyard Campus Athletic Fields. This is a design/build turnkey type project where design and construction will be provided by a specialized designer/manufacturer/installer. The field will be used by intercollegiate athletic teams. Funds for the construction of the project will come from WAC Conference affiliation funds. O&M will be provided by the athletic team budgets that use the facility. The project budget is estimated at \$1.5 Million for this 55,000 – 65,000 sf structure. The University would like to begin preliminary design as soon as possible.

JR:cn  
Enclosure

## Model of Fabric Air Structure for the UVU Athletic Field Dome





Gary R. Herbert  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jeff Reddoor  
Date: April 6, 2016  
Subject: **Request for Approval of a Reallocation of FY2014 Capital Improvement Funds for Utah Courts from the Provo Juvenile Courts Boiler and VAV Box Replacement Project to the Fifth District Iron County Cedar City Courts Infrastructure Updates**  
Presenter: Alyn Lunceford, Utah Court Facilities Manager

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### **Recommendation**

Jeff Reddoor recommends the Board approve this reallocation of FY 2014 Capital Improvement funds for Utah Courts.

### **Background**

In FY 2014 Utah Courts received an allocation of \$257,364.00 in Capital Improvement funds for the Provo Juvenile Courts Boiler and VAV Box Replacement Project. The request for Capital Improvement funding was driven by complaints from employees in the Provo Juvenile Court Building. After thorough investigation, these problems were resolved by DFCM by rebalancing the existing HVAC system and repairing the boiler system

Utah Courts is requesting the \$257,364.000 originally allocated for the Provo Juvenile Courts Boiler and VAV Box Replacement Project be reallocated to the Fifth District Iron County Cedar City Courts Infrastructure Updates which will include the remodel of the public restrooms, public waiting area, and expansion of secure parking and landscaping in the front of the building. Utah Courts believes this remodel will best prepare this building for occupancy by the Department of Juvenile Justice Services when the new Fourth District Court Facility in Provo is completed in 2019.

JR: cn  
Attachments



Chief Justice Matthew Durrant  
Chair, Utah Judicial Council

Daniel J. Becker  
State Court Administrator  
Raymond H. Wahl  
Deputy Court Administrator

## **MEMORANDUM**

**To: Utah State Building Board**  
**From: Utah State Courts, Courts Facility Planning Committee**  
**Date: March 30, 2016**  
**Re: Redirection of FY 2014 Improvement project funds**

State Courts is requesting the Building Board approve the redirection of Capital Improvement funds.

**FROM:**

**Provo Juvenile Courts Boiler and VAV Box Replacement Project - \$257,364.00**

This project was funded in the FY 2014 Improvement process. DFCM requested this project based on employee complaints. After reviewing the project and the issues that created the request DFCM resolved the problems by rebalancing the existing HVAC system and repairing the boiler system.

**TO:**

**Fifth District Iron County Cedar City Courts Infrastructure Updates**

This project will remodel the public restrooms, public waiting area, expand secure parking and rebuild the landscaping in the front of the building.

Courts will be turning the Provo Juvenile Court facility over to Department of Juvenile Justice Services (DJJS) when the new Fourth District Court Facility in Provo is completed (2019). With the change in occupancy and DJJS's need remodel the facility to accommodate their program needs we believe this funding can be better used by transferring these funds to Cedar City and eliminating a FY 2018 request.

We are requesting this redirection of funds be presented to the next Building Board for approval consideration.

Thank you,

Alyn Lunceford  
Facility Director  
Administrative Office of the Courts

**The mission of the Utah judiciary is to provide the people an open, fair,  
Efficient, and independent system for the advancement of justice under the law.**

**Utah State Building Board  
Capital Improvement Request  
Project Scope**

<b>Agency/Institution Name: Utah State Courts</b>				<b>Date: 4/1/2016</b>	
<b>Building Name:</b> Fifth District Court Cedar City		<b>FY Requesting for:</b>		Redirect FY 14	
<b>Project Name:</b> Fifth District Court Cedar City infrastructure remodel and improvements.		<b>Requested Amount:</b>		\$257,364.00	
<b>Bldg. Risk ID #</b>	06261	<b>Facility Type:</b> Classroom, Office, Armory, infrastructure, Roof, Paving, etc.	Court	<b>Priority Classification:</b> ( 1 Life Safety, 2 Critical, 3 necessary, 4 Programmatic )	2
<b>DFCM Project Manager:</b>				<b>FCA Project#</b>	
<b>Project Description</b>		Remodel the public restrooms, remodel public waiting area, expand secure parking and rebuild the landscaping.			
<b>Project Goals</b>		Remodel and update the public Restrooms, remodel and update the public waiting area, expand secure parking and rebuild the landscaping.			
<b>Project Scope Statements</b>		Remodel and update the public restrooms, remodel and update the public waiting area, expand secure parking and rebuild the landscaping.			
<b>Hazardous Materials Building Material Survey</b>		<b>Type of Materials</b>		<b>Date of assessment</b>	
		This building has been surveyed for hazardous materials several times over the last ten years. I do not believe there are any hazardous materials in the building.			
<b>Risk Management</b>		<b>YES</b>	<b>NO</b>	<b>Comments</b> These items are not covered in Risk Management surveys.	
			X		
		<b>Contact Information</b>			
<b>DFCM Project Manager Comments</b>					
<b>Agency Contact:</b>	Alyn Lunceford	<b>Phone:</b> 801-949-9773	<b>Email:</b> alynl@utcourts.gov		

**Recommend for Approval**

DFCM Project Manager: \_\_\_\_\_ Date: \_\_\_\_\_

Agency/Institution Manager:  Date: 3-30-16

**Approval**  
Building Board Director: \_\_\_\_\_ Date: \_\_\_\_\_



**Gary R. Herbert**  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jeff Reddoor  
Date: April 6, 2016  
Subject: **Request for Approval of FY 17 Capital Improvement Funding**  
Presenter: Jeff Reddoor, Building Board Director

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### **Recommendation**

The FY2017 Capital Improvement List has received Legislative approval and was distributed to Board members the week prior to April's Board meeting. Each project on the list has been requested by state agencies and institutions of higher education and determined the highest priority needs across the state. At the conclusion of this presentation, I recommend the Board take final action to approve the allocation of the FY2017 Capital Improvement List.

### **Background**

The procedures for allocation of Capital Improvement Funds were developed under the Legislature and the Board. Funding from the Legislature totaled \$117,825,100.00. Narrowing the list of projects to identify the highest priorities is a significant undertaking.

JLR: cn  
Attachments

# FY 2017 Capital Improvement Recommendations

Agency / Institution	Requested	1.1 %	\$117,825,100
<b>Higher Education</b>			
<b>Dixie State University</b>			
DSU - McDonald Center Refurbish	\$ 350,000	\$ 350,000	
DSU - 10" Irrigation Main	\$ 60,000	\$ 60,000	
DSU - Performing Arts Building Exterior Repairs	\$ 180,000	\$ 180,000	
DSU - Fire Alarm Upgrade (Multiple Buildings)	\$ 225,000	\$ 225,000	
DSU - Exterior Lighting Project	\$ 115,000	\$ 115,000	
DSU - Snow Math/Science Data Center Improvements	\$ 25,000	\$ 25,000	
DSU-Fire Lane and Side Walk Repairs	\$ 90,000	\$ 90,000	
DSU - Browning Learning Center Brick Repair and Landscape Change	\$ 75,000	\$ 75,000	
DSU - Replace Outdated Transformers.	\$ 60,000	\$ 60,000	
DSU - Replace Sewage Ejectors	\$ 25,000	\$ 25,000	
DSU - 300 South, 400 South, 800 East Asphalt Resurface	\$ 175,000	\$ 175,000	
DSU - Burns Arena and Cox Auditorium Re-Commissioning	\$ 40,000	\$ 40,000	
DSU - Udvar Hazy Reroof	\$ 350,000	\$ 276,000	
DSU- Math Science North Laboratories	\$ 300,000	\$ 300,000	
DSU- South Admimm Building Refurbish	\$ 100,000	\$ 100,000	
DSU- McDonald Center Mechanical System Upgrade	\$ 50,000	\$ 50,000	
DSU - Energy Controls, Heat Plant, Eccles Fine Arts, Performing Arts Building	\$ 60,000		
DSU - Pedestrian Walkway	\$ 30,000		
DSU - Graff Fine Arts Reroof	\$ 95,000	\$ -	
DSU- Hansen Stadium Track Replacement	\$ 500,000	\$ 500,000	
	<b>\$ 2,905,000</b>	<b>\$ 2,646,000</b>	

<b>Salt Lake Community College</b>		
RRC- TB Emergency Generator Replacement	\$ 237,187	\$ 244,333
SCC - SCM ELECTRICAL PANEL UPGRADE PHASE III	\$ 203,000	\$ 150,000
SLCC ALL CAMPUSES - COMPLETE PROMINITY LOCK INSTALLATION	\$ 500,000	\$ 500,000
RRC- BB Window Replacement Phase II	\$ 225,000	\$ 478,215
RRC- ATC Window & Door Replacement Phase II	\$ 400,000	\$ 425,000
LHM- N.E. Parking Lot & Loop Road Replacement	\$ 1,580,000	\$ 1,562,786
LHM - MCPC, CART, PESET, DORM & FR FIRE ALARM UPGRADE	\$ 189,000	\$ 195,714
JC- JDC Fire Alarm Replacement	\$ 30,128	\$ 36,206
RRC- TB Restroom Remodel	\$ 1,029,600	\$ 1,012,179
JC- HTC Roof Replacement	\$ 397,500	\$ 301,928
LHM- KGMC, MPDC Roof Replacement	\$ 569,025	
RRC- BB Interior Signage Replacement	\$ 25,000	
RRC TB Window Replacement	\$ 469,800	
SCC - BRICK & MASONRY REPAIR AT PARAPET WALLS & CORNERS Phase III	\$ 450,000	
SCC - MAIN CORRIDOR PAINTING & CABLE TRAY VALANCE REPLACEMENT	\$ 281,450	
SCC- HVAC VAV Pneumatics Upgrade Phase II	\$ 550,000	
RRC- Heating Plant Surge Tank	\$ 275,000	
RRC- BB Roof Replacement	\$ 483,750	
RRC- ATC HVAC & Mechanical Upgrades & Maintenance	\$ 951,253	
MBC- BLDG A&C Roof Replacement	\$ 739,172	
JC- Site Concrete Replacement	\$ 162,750	
RRC- CT Transformer, MDP & MCC Switchboard & Replacement	\$ 194,531	
RRC- TB MDP Panel Replacement	\$ 80,000	
SCC - AHU 16 PENTHOUSE Roof & Water Damage Repair	\$ 56,250	
SCC- SCM Packaged Unit Replacement	\$ 12,500	
SLCC Dumpster Enclosure Modifications	\$ 138,000	
SLCC ALL CAMPUSES – UPGRADE IRRIGATION CONTROLS	\$ 70,486	
RRC- CT Circular Wash Sinks Replacement	\$ 45,625	
SCC- SCM Basement Concrete Ramp Replacement	\$ 150,000	
SCC- SCM REPAIR & REPLACE PIPE INSULATION THROUGHOUT BASEMENT	\$ 42,000	
LHM- CART Loading Dock Modifications	\$ 11,000	
RRC- Heating Plant Boiler	\$ 585,000	
RRC- Heating Plant Controls Upgrade	\$ 55,000	
RRC- LIB Drinking Fountain Replacement	\$ 21,875	
RRC- Markosian Library Carpet Replacement	\$ 163,900	
SCC - CHILLER PLANT FREE COOLING SYSTEM	\$ 275,000	
	<b>\$ 11,649,782</b>	<b>\$ 4,906,361</b>

<b>Snow College</b>		
Removal of lead paint on interior and exterior deck	\$ 360,000	\$ 408,000
Seal coat parking lots and re-stripe	\$ 500,000	\$ 597,325
Heat Plant/Steam and Condensate upgrades	\$ 500,000	\$ 598,712
High Tech parking lot and Main Gym lighting	\$ 98,000	\$ 119,746
New Ventilation and AC system	\$ 115,000	\$ 148,314
Exterior Fenestration Windows	\$ 179,442	\$ 216,200
Concrete Replacement	\$ 133,107	\$ 163,071
Master Plan	\$ 50,000	\$ -
Utility Tunnel Improvements Phase 2	\$ 400,000	\$ 400,000
	<b>\$ 2,335,549</b>	<b>\$ 2,651,368</b>
<b>Southern Utah University</b>		
PE, Library, GC SSSC, Alumni: Fire Alarm Panel Upgrades	\$ 155,000	\$ 155,000
ADA Concrete Replacement	\$ 180,000	\$ 180,000
Sharwan Smith Center: Roof Replacement	\$ 800,000	\$ 461,387
Heat Plant: Boiler #3 Replacement	\$ 1,500,000	\$ 1,750,000
Campus Storm drainage study	\$ 40,000	\$ 40,000
Parking Lot Repairs and Replacement	\$ 200,000	\$ 200,000
Electronic Access Control	\$ 170,000	\$ 170,000
Music Building: Chiller replacement	\$ 130,000	\$ 130,000
Campus wide: Transformer Upgrade Phase 2	\$ 150,000	
Hunter Conference Center: ADA Path and Pedestrian safety	\$ 410,000	
General Classroom: Elevator modernization	\$ 120,000	
Utility Metering - Phase II	\$ 200,000	
Hunter Conference Center: Upgrade from pneumatic controls to DDC	\$ 190,000	
Observatory: Pave road and parking lot for ADA accommodations	\$ 275,000	
Radio Repeaters for Emergency Management	\$ 45,000	
Mechanical System Upgrade: Eccles Coliseum	\$ 200,000	
Randall Jones: Chiller replacement	\$ 165,000	
Sharwan Smith Student Center: Chiller replacement	\$ 185,000	
Science Center: Data Cable Upgrade	\$ 170,000	
Science Center: Upgrade from pneumatic controls to DDC	\$ 400,000	
Mountain Center: Upgrade retaining wall, include pavilion	\$ 45,000	
Med. Voltage: Upgrade electric switch gear on east side of Heat Plant; replace SF6 switches in SSSC & Education	\$ 115,000	
Auditorium: Chiller replacement	\$ 135,000	
Water Conservation: Connect Irrigation to Cedar City Pressurized System	\$ 225,000	
Centrum Arena: Rigging and Pick Point Safety	\$ 250,000	
Bennion Building: Data Cable Upgrade	\$ 70,000	
Mountain Center Well	\$ 150,000	
Replace Electrical Switch boards: Business, Bennion & Technology buildings	\$ 175,000	
Physical Education Building Roof Replacement	\$ 461,000	\$ 461,000
	<b>\$ 7,311,000</b>	<b>\$ 3,547,387</b>



<b>Utah State University</b>		
Fine Arts Center Upgrades	\$ 2,500,000	\$ 2,500,000
Price Campus: Geary Theatre Upgrade	\$ 2,500,000	\$ 2,500,000
North Core Utilities Replacement and Tunnel Expansion	\$ 2,500,000	\$ 2,500,000
FAV Photo Lab Safety Ventilation	\$ 400,000	\$ 400,000
Medium Voltage Upgrade	\$ 1,500,000	\$ 1,325,000
Planning and Design Fund	\$ 100,000	\$ 100,000
Campus-Wide Health, Life Safety, Code Compliance & Asbestos Abatement	\$ 150,000	\$ 150,000
Old Main Reroof	\$ 800,000	\$ 800,000
East Stadium Restroom Facility Reroof	\$ 55,000	\$ 55,000
Campus Concrete Replacement	\$ 500,000	\$ 325,000
Hydro Lab Landscape	\$ 100,000	\$ 100,000
Campus Classroom Upgrades	\$ 300,000	\$ 300,000
University Inn to Widstoe Steam Line	\$ 850,000	\$ 850,000
Campus-Wide Bike Racks & Site Furnishings	\$ 50,000	\$ 50,000
Campus-Wide Electronic Access Control	\$ 60,000	\$ 60,000
BNR Roadway Replacement	\$ 350,000	\$ 350,000
Campus Sign System	\$ 50,000	
OM Masonry Restoration	\$ 500,000	
NFS Mechanical System	\$ 1,025,000	
Parking Lot Paving	\$ 725,000	
Champ Drive / Old Main Hill Sewer Line & MH Replacement	\$ 950,000	
Southeast Campus Sidewalks	\$ 350,000	
HPER Swimming Pool	\$ 200,000	
Price Campus Fire Lane Improvements	\$ 500,000	
Blanding Campus: Fire Sprinkling Systems	\$ 300,000	
South Farm Paving, Fire Hydrants and utilities	\$ 250,000	
Site & Safety Lighting	\$ 350,000	
Water Lab Front Bridge	\$ 50,000	
Geology Greenhouse	\$ 350,000	
Education Atrium	\$ 350,000	
Stairs Replacement North of Aggie Terrace Parking	\$ 250,000	
Irrigation Controls Upgrade	\$ 175,000	
New Sidewalk 800 East	\$ 750,000	
Eccles Business Building Window Replacement	\$ 950,000	
HPER Dance Studio Floor	\$ 75,000	
Campus Fume Hood Upgrades	\$ 500,000	
Elevator Upgrades	\$ 610,000	
Concrete Panel Replacement @ FAC	\$ 450,000	
NR Handrail Upgrade to Current Code	\$ 45,000	
Fire Alarm System Upgrade	\$ 200,000	
	<b>\$ 22,670,000</b>	<b>\$ 12,365,000</b>
<b>USU/Eastern</b>		

Combined with USU request		
<b>Utah Valley University</b>		
Campus Wide Removal of Sidewalk Pavers	\$ 300,000	\$ 100,000
Replace Chillers: Yorks Plant 1	\$ 375,000	\$ 375,000
Replacement of Main Electrical Service Gear, Plant 1	\$ 600,000	\$ 800,000
Replace Elevator Hoist, Ram, and Oil: Woodbury Bldg.	\$ 106,000	\$ 133,000
Replace Fan Coil Units in GT 609 and 338	\$ 207,000	\$ 207,000
Domestic Boiler Replacement, Plant 1	\$ 300,000	\$ 300,000
Replace Fan Coil Units in Hall of Flags and BA Building	\$ 200,000	\$ 200,000
Replace Boilers with Dual Fuel/ High Efficiency Units, Plant 2	\$ 400,000	\$ 400,000
Rebuild and repair skylights on the Woodbury Business Bldg.	\$ 100,000	\$ 100,000
Large valve replacements and Structureware Software	\$ 140,000	\$ 140,000
Replace single pane spandrel panels with insulated panels, Computer Science Bldg.	\$ 175,000	\$ 175,000
VAV and Reheat Valve Replacement Computer Science Building	\$ 210,000	\$ 210,000
Exterior Stair Replacement: Pope Science to Plaza Area.	\$ 110,000	\$ 110,000
Heat Dumping into Irrigation Ponds	\$ 160,000	
Replace Electric Transformers: Gunther Trades	\$ 150,000	\$ 150,000
Campus Wide Storm Water Improvements	\$ 300,000	\$ 300,000
Campus Wide Parking Lot Maintenance, Seal and Slurry Coat	\$ 300,000	\$ 300,000
Sod Removal, Low water landscaping: SE Campus Drive	\$ 400,000	\$ -
	<b>\$ 4,533,000</b>	<b>\$ 4,000,000</b>

<b>Weber State University</b>		
Wattis Building Fire Line and Fire Sprinkling	\$ 300,000	\$ 300,000
Fire Panel Replacements	\$ 22,500	\$ 22,500
Phase V: Medium Voltage Critical Need	\$ 200,000	\$ 200,000
Phase VI: Tunnel Repairs	\$ 249,000	\$ 249,000
Chilled Water Plant - Systems Protection	\$ 400,000	\$ 400,000
W4 Groundsource Install and Parking Lot Repair	\$ 1,250,000	\$ 1,250,000
Wattis Business Infrastructure Repairs&Replacement	\$ 1,000,000	\$ 1,000,000
Browning Center Roof Replacement (Phase 2 of 2)	\$ 681,000	\$ 682,000
Asphalt Maintenance (Cut/Patch/Slurry) (A3, A5, W5, W10, A11, DEC Northeast)	\$ 217,000	\$ 217,000
Science Lab South ADA Access Paving	\$ 100,000	\$ 100,000
Engineering Tech - Roof Replacement	\$ 771,080	\$ -
Parking Lot Renovations (A7)	\$ 255,000	
Education Building Upgrade Restrooms	\$ 245,000	
Student Services Parapet Caps & Windows - Safety Issue	\$ 300,000	
McKay Education Building Roof	\$ 300,000	
Rekey Remaining Buildings to ASSA System	\$ 230,000	
Swenson Gym/Stromberg Plaza Roof Replacement	\$ 300,000	\$ 300,000
Phase VI: High Voltage Substation and Building Switching Upgrades	\$ 249,000	
Phase VII: Steam Tunnel Repairs	\$ 249,000	
Engineering Technology Galvanized Piping Replacement, Restroom Repairs, and HVAC Mechanical and Control Upgrades, Fire Sprinkler In	\$ 1,250,000	
Parking Lot Renovations (S4)	\$ 160,000	\$ 155,000
Asphalt Maintenance (Cut, Patch and Seal) (CE Davis, Mail Services, Printing Services, Annex 12, A4, A6, R4, D11, A12, A13, W1, W2, W3,	\$ 363,000	
Waterproofing Leaking Window Systems Davis D2	\$ 45,186	
Elevator Replacement or Upgrade (Engineering Technology and Allied Health North)	\$ 91,738	
Practice Field Replacement	\$ 400,000	
Landscape and Irrigation in the Areas Surrounding the Browning Center and Visual Arts.	\$ 250,000	
Browning Center Hydraulic Lift Replacement Study	\$ 20,000	
Boiler Replacement- Groundsource Conversion	\$ 906,477	
Swenson Gym Pool Deck Replacement	\$ 200,000	
Phase VII: High Voltage Substation and Building Switching Upgrades	\$ 400,000	
Phase VIII: Steam Tunnel Repairs	\$ 400,000	
Technical Education Building Galvanized Piping Replacement, Restroom upgrades, and HVAC Mechanical and Control Upgrades, Fire Sprin	\$ 1,250,000	
	<b>\$ 13,054,981</b>	<b>\$ 4,875,500</b>
<b>UNIVERSITY and COLLEGE TOTALS</b>	<b>\$ 108,199,412</b>	<b>\$ 61,680,416</b>
<b>UCAT</b>		

<b>Bridgerland ATC</b>		
Replace Diesel Program Chassis Dynamometer Room and Diesel Lab Window Casing Replacement	\$ 273,000	\$ 273,000
BATC Brigham City Blocks Building Remodel	\$ 235,000	\$ 235,000
BATC Brigham City Blocks Building Improvement & ADA Updates	\$ 300,000	\$ 300,000
Campus Security Systems Phase II	\$ 695,000	\$ 160,000
Program Class Project Storage Facility Phase II	\$ 210,000	\$ 210,000
Building Construction/Cabinetmaking Program-Shop Floor Replacement	\$ 100,000	
Brigham City Campus Expansion	\$ 1,800,000	
Main Campus Hallway Floor Covering Replacement	\$ 80,000	
Student Services and Administration Remodel	\$ 2,500,000	
West Campus HVAC System Upgrade Phase IV	\$ 500,000	
Main Campus HVAC System Upgrade Phase I	\$ 500,000	
	<b>\$ 7,193,000</b>	<b>\$ 1,178,000</b>
<b>Davis ATC</b>		
Main Campus - Welding Shop & Kitchen Make-Up Air	\$ 420,000	\$ 450,000
Main Campus - Restrooms Remodel (Phase II)	\$ 465,000	\$ 550,000
Main Campus - Conversion from iNet to StruxureWare	\$ 316,898	
Main Campus & Barlow Building - Exterior Lighting (LED) Energy Project	\$ 211,204	
	<b>\$ 1,413,102</b>	<b>\$ 1,000,000</b>
<b>DXATC</b>		
DXATC South perimeter Fencing and Gates	\$ 35,000	\$ 50,000
DXATC North East Sidewalk, Gutter and landscape	\$ 100,000	\$ 150,000
DXATC Parking Lot asphalt and drainage Improvements	\$ 100,000	\$ 100,000
	<b>\$ 235,000</b>	<b>\$ 300,000</b>
<b>SWATC</b>		
Walkway Replacement	\$ 54,600	\$ 54,600
Replacement of Rooftop Heating & Cooling Units	\$ 168,000	\$ 168,000
Parking Lot Draining & Sealing	\$ 29,250	\$ 29,250
Roofing Repair	\$ 235,750	\$ 284,572
	<b>\$ 487,600</b>	<b>\$ 536,422</b>
<b>Mountain land ATC</b>		
Additional Parking at TGP	\$ 890,043	\$ 891,040
CDL Building (Lehi) make up air unit -	\$ 99,995	
Foundation Building (Orem) Office Remodel	\$ 500,000	
Facilities Out Building	\$ 127,000	
Canal	\$ 172,080	
Welding Compound Canopy	\$ 85,000	\$ 80,000
	<b>\$ 1,874,118</b>	<b>\$ 971,040</b>

<b>Ogden/Weber ATC</b>		
BDO Campus Utility and Infrastructure Improvement	\$ 850,000	\$ 850,000
Phase 2 of the Campus Restroom Upgrade	\$ 550,000	\$ -
Main Campus: Campus-Wide Door Access System	\$ 350,000	\$ 350,000
Main Campus: Upgrade Culinary Water System in Construction and Manufacturing Tech Buildings	\$ 425,000	
Campus-Wide Parking Lot Upgrade	\$ 435,000	
Main Campus: Upgrade of the Secondary Water System and Lower Pump House	\$ 350,000	
Main Campus: Business Tech Chiller Upgrade project	\$ 400,000	
	<b>\$ 3,360,000</b>	<b>\$ 1,200,000</b>
<b>Uintah Basin ATC</b>		
Heating and Cooling Units, Direct Digital Controls, Telephone & Data Systems	\$ 570,430	\$ 720,000
Staircase Concrete Repair-Vernal Campus	\$ 150,000	
Refinish Flooring & Restroom Renovation	\$ 727,515	
Water Piping Replacement	\$ 561,448	
Auto Shop Exhaust, AC, Paint Shop	\$ 500,000	
Culinary Arts Classroom & Instructional Areas	\$ 500,000	
Roofing Replacement	\$ 686,194	
Window Replacement	\$ 488,803	
Site Paving Upgrades	\$ 148,704	
Sidewalk, Curb, Gutter	\$ 150,000	
	<b>\$ 4,483,094</b>	<b>\$ 720,000</b>
<b>Tooele ATC</b>		
TATC - Seal Coat Parking Lot	\$ 17,000	\$ 17,000
	<b>\$ 17,000</b>	<b>\$ 17,000</b>
<b>USHE TOTALS</b>		
<b>UCAT TOTALS</b>	<b>\$ 19,062,914</b>	<b>\$ 5,922,462</b>
<b>Higher Education GRAND TOTAL</b>		
	<b>\$ 127,262,326</b>	<b>\$ 67,602,878</b>

<b>State Agencies</b>		
<b>Agriculture</b>		
AGRICULTURE, Server Room AC Upgrade	\$ 20,000	\$ 25,142
AGRICULTURE, Upgrade HVAC Control System	\$ 278,000	\$ 336,865
AGRICULTURE, Irrigation Renovation	\$ 120,000	\$ 153,521
	<b>\$ 418,000</b>	<b>\$ 515,528</b>
<b>Alcoholic Beverage Control</b>		
Layton Store #30 Expansion and Office Enclosed	\$ 500,000	\$ 500,000
DABC ADMIN, Replace Data Room AC	\$ 38,000	\$ 47,808
ABC STORE 09 MURRAY, Replace Packaged Roof Top Units	\$ 40,000	\$ 40,000
ABC STORE 29 HOLLADAY, Stainless Steel Hand Railings	\$ 46,000	\$ 46,000
ABC #30, Dock Lift Replacement	\$ 25,000	\$ 25,000
DABC CLUB STORE, Replace Sealant at Expansion Joints and The Perimeter of the Windows and Doors. Replace Plastic Sheer Curtains at R	\$ 10,500	\$ 15,226
ABC 28, Add Awning and Two Side Enclosure to Dock Area	\$ 25,000	\$ 36,500
DABC ADMIN, Replace Admin. Restrooms, Replace Mixing Valves	\$ 41,000	\$ 55,504
ABC #16 SANDY, Interior LED Lighting Upgrade	\$ 35,000	\$ 35,000
DABC WAREHOUSE, North Restroom upgrades	\$ 30,000	\$ 41,954
DABC ADMIN, Add Stove Hood for Commercial Range	\$ 20,000	\$ 24,636
ABC 10 TOOOLE, Roof Replacement	\$ 40,800	\$ 143,469
Layton ABC #30, Dumpster Relocation and Landscape Renovation and Upgrade	\$ 95,000	
Logan ABC #6 Reroof	\$ 79,354	\$ 79,354
	<b>\$ 1,025,654</b>	<b>\$ 1,090,451</b>
<b>Capitol Preservation Board</b>		
TRAVEL COUNCIL, Implementing Results of Foundation & Patio Area Study	\$ 250,000	\$ 424,898
STATE OFFICE BUILDING, Restroom and Waste Line Upgrade	\$ 650,000	\$ 650,000
STATE OFFICE BUILDING, Building Replacement of Supply Fans, Air Handlers and Coil Units	\$ 800,000	\$ -
DUP, HVAC Upgrade Phase II	\$ 125,000	\$ 184,000
TRAVEL COUNCIL, Basement Restroom Upgrade	\$ 45,000	\$ 62,931
DUP, Restroom Upgrade	\$ 45,000	\$ 45,000
MORMON BATTALION, Statue Repointing	\$ 500,000	\$ 550,000
CAPITOL CAMPUS, Campus Wide Rekeying	\$ 750,000	
CAPITOL CAMPUS, Parking Lot Poles, LED Upgrade	\$ 170,000	\$ 200,000
CAPITOL BUILDING, Interior Dome LED Upgrade	\$ 35,000	\$ 85,000
CAPITOL BUILDING, Exterior Dome LED Upgrade	\$ 50,000	\$ -
State Office Building - Roofing Improvements	\$ 164,300	\$ 164,300
Legislative Research, Capitol Space Remodel*	\$ 200,000	\$ 50,000
	<b>\$ 3,784,300</b>	<b>\$ 2,416,129</b>

<b>Heritage &amp; Arts</b>		
RIO GRANDE, Replace, Repair Restore Exterior Windows	\$ 393,000	\$ 393,000
RIO GRANDE, Floors & Wood	\$ 70,000	\$ 70,000
RIO GRANDE, Irrigation Renovation and Upgrade to IQ Controls	\$ 65,000	\$ 87,804
UTAH FINE ARTS, Landscape & Irrigation Renovation & IQ Controls Update	\$ 80,000	\$ 107,720
Heritage and Arts, Rio Grande Building Parking Lot Security Infrastructure (gate and fencing)*	\$ 50,000	\$ 50,000
	<b>\$ 658,000</b>	<b>\$ 708,524</b>

<b>Corrections</b>		
SMU Shower Renovation/Upgrade	\$ 46,125	\$ 47,125
Atherton Secure Cell Addition	\$ 51,660	\$ 59,570
Fortitude CCC Intake Area Remodel	\$ 131,610	\$ 177,415
Olympus VAV Controls	\$ 146,500	\$ 146,500
Irrigation Pumps-Replacement	\$ 50,738	\$ 50,738
Timpanogos Building #5- Draper	\$ 244,155	\$ 244,155
A-Block AC Remodel	\$ 113,652	\$ 121,695
Star 1-4 HVAC for Control Rm.'s	\$ 85,872	\$ 85,872
Lone Peak RTU Replacement	\$ 100,450	\$ 100,450
Timp 2&4 Control Room Remodel	\$ 230,700	\$ 243,756
SSD Shower Replacements	\$ 95,940	\$ -
Henry Compound AHU Replacements	\$ 319,800	\$ 319,800
Medical Access Control Installation	\$ 73,800	\$ 73,800
Bonneville Security Camera System Upgrades	\$ 17,220	\$ 14,540
Bonneville Door Alarms	\$ 12,300	\$ 12,300
AP&P Centers Mold Mitigation with Door and Hardware Replacement	\$ 113,837	\$ 151,484
Atherton HVAC Repairs Admin Area	\$ 53,505	\$ 53,505
Bonneville Gym Ventilation	\$ 9,840	\$ 10,000
NUCCC HVAC Controls Upgrade	\$ 30,750	\$ 30,000
Fortitude Ctr. Cameras	\$ 27,670	\$ 27,670
Inmate DTV System conversion/Upg.	\$ 147,600	\$ 147,600
Henry Intercom System	\$ 184,500	\$ 184,500
A-West Yard Concrete	\$ 92,250	\$ 92,250
Metering requirements SB-217 Ph.-1	\$ 1,250,000	\$ 750,000
AP&P Center intercom repairs, multiple location	\$ 13,530	\$ 13,530
Atherton Resident Sink/Cabinet Replacement	\$ 63,960	\$ 117,796
NUCCC Camera/DVR Upgrade	\$ 246,242	\$ 235,000
Atherton Kitchen/Dining Floor Resurfacing	\$ 28,290	\$ 29,876
Resurface 7 Mini-Recreation Yards	\$ 104,550	
CUCF DVR to NVR Upgrade Ph.1	\$ 148,500	
NUCCC Treatment Hall Addition	\$ 246,000	
Hazmat Door & Dock Remodel	\$ 35,500	\$ 24,550
CUCF Site Perimeter Fence Repairs	\$ 90,528	
CUCF Shooting Range Upgrade	\$ 79,766	
CUCF VDS Remodel & Controls Upgrade	\$ 164,342	
Timp dual fuel supply source	\$ 1,318,645	
Atherton Treatment/Programming Building	\$ 590,400	
AP&P Building Cedar City Re-root	\$ 60,358	\$ 60,358
	<b>\$ 6,821,085</b>	<b>\$ 3,625,835</b>

<b>Courts</b>		
SALT LAKE COURTS BLDG, Elevator Modernization Project, Phase #2	\$ 500,000	\$ 500,000
WEST JORDAN COURTS, Fire Panel and Voice Evacuation Replacement	\$ 450,000	\$ 246,410
BRIGHAM COURT, Boiler Replacement	\$ 70,000	\$ 90,000
BRIGHAM COURT, DVR, Cameras and Security Access Controls Replacement	\$ 200,000	\$ 200,000
OGDEN COURTS, Replace Exterior Ice Melt System	\$ 450,000	\$ 300,000
SALT LAKE COURTS BLDG, Replace Fire Dry Pipe Mains	\$ 250,000	\$ 303,000
OGDEN COURTS, Elevator Cooling Room System Replacement; Chiller Replacement	\$ 163,000	\$ 450,000
TOOELE COURTS, Upgrade Front End Software, HVAC Controls	\$ 30,325	\$ 43,873
TOOELE COURTS, Replace Domestic Hot Water Tank	\$ 18,000	\$ 18,000
SALT LAKE COURTS BLDG, Replace Emergency Generator Transfer Switch	\$ 10,000	\$ 19,108
SALT LAKE COURTS BLDG, Valves and Fixtures	\$ 695,129	\$ 695,129
SALT LAKE COURTS BLDG, Replace all Freeze Thermostats and CO Sensors	\$ 20,000	\$ 22,800
SALT LAKE COURTS BLDG, Add HVAC Automation Server	\$ 40,500	\$ 42,000
SALT LAKE COURTS BLDG, Replace Control Room HVAC and Floor System	\$ 50,000	\$ -
SALT LAKE COURTS BLDG, Replace the Rooftop Small Data Room AC System	\$ 50,000	\$ -
ST. GEORGE COURTS, Upgrade Cooling Tower	\$ 79,000	\$ 79,000
CEDAR CITY COURTS, Replace Skylight - Sidewalk Replacement	\$ 165,000	\$ 165,000
Cedar City - Block Fence	\$ 25,000	\$ 25,000
LAYTON COURTS, Boiler Replacement	\$ 70,000	\$ 90,000
Layton Courthouse Remodel (Carpet, Gallery Seating, Removal of Wall Paper and Repaint)	\$ 75,000	\$ 75,000
WEST VALLEY 3RD DISTRICT COURT, Replace Existing Boiler and Burner Assembly, Pumps Completed	\$ 130,000	
WEST JORDAN COURTS, Add Cooling Tower, Replace the Outside Air Damp and Add Supplemental Heating to the System	\$ 300,000	
SALT LAKE COURTS BLDG, Replace Access Control and Front End Security	\$ 750,000	\$ 840,300
Matheson Appellate Court Counter Remodel	\$ 150,000	
WEST VALLEY 3RD DISTRICT COURT, Small Improvement Project is Attached List.	\$ 45,000	
OGDEN COURTS, Replace Counter Tops and Faucets	\$ 50,000	
WEST VALLEY 3RD DISTRICT COURT, Replace Roll Up Door and Operator.	\$ 10,000	
SALT LAKE COURTS BLDG, Replace Countertops in Breakrooms and Restrooms	\$ 93,750	
OGDEN COURTS, Replace Counter Tops and Faucets	\$ 30,000	
TOOELE COURTS, Disconnect off Culinary Water Supply	\$ 27,000	
SALT LAKE COURTS PARKING TERRACE, Replace snow melting systems	\$ 20,000	
SALT LAKE COURTS PARKING TERRACE, Replace Parking Garage CO Monitoring System	\$ 99,000	
WEST JORDAN COURTS, Replace Stairwell VCT Flooring	\$ 16,000	
WEST JORDAN COURTS, Repair Stone Facing	\$ 47,500	
OGDEN COURTS, Repaint Interior and Exterior of Facility	\$ 180,000	
SALT LAKE COURTS BLDG, Replace Window Coverings	\$ 300,000	
WEST JORDAN COURTS, Holding Cell and Flooring Epoxy Painting	\$ 23,000	
WEST JORDAN COURTS, Courtroom & Judges Chamber LED Lighting	\$ 9,000	
Ogden District Electronic Courtroom Equipment	\$ 75,000	
WEST VALLEY 3RD DISTRICT COURT, Replace Roll Up Door and Operator.	\$ 10,000	
SALT LAKE COURTS BLDG, Replace Holding Cell Control Room	\$ 110,000	
Mathison Fire Lane - SL Co DA - Legislative mandate	\$ 250,000	\$ 250,000
St. George Courts - replace controls for Smoke Evac Systems - new	\$ 72,500	\$ 72,500
	<b>\$ 6,273,704</b>	<b>\$ 4,527,120</b>

DFCM		
Insurance Fraud Division TI 1385 S. State Remodel	\$ 300,000	\$ 300,000
OGDEN REGIONAL CENTER, Resurface and Repair Crumbling Stairs and Landings on East Parking Structure	\$ 70,000	\$ 90,000
CALVIN RAMPTON BUILDING, Fan Walls, Cooling Coils, VFDS, Waterline Repair	\$ 775,000	\$ 770,000
CALVIN RAMPTON BUILDING, Restroom Remodel	\$ 1,180,000	\$ 1,180,000
HEBER M WELLS, Restrooms	\$ 600,000	\$ 904,931
RICHFIELD REGIONAL CENTER, Add Outside Lighting to Building	\$ 25,000	\$ 25,000
STATE LIBRARY/DSVBI, Replace all AHU units and rooftop units	\$ 1,000,000	\$ 850,000
STATE LIBRARY/DSVBI, Upgrade HVAC controls system	\$ 303,567	\$ 428,715
MULTI-AGENCY BUILDING, Replace Leaking Skylight	\$ 280,000	\$ 292,554
ARCHIVES, CLEARFIELD C-6 WAREHOUSE, Emergency Backup Generator	\$ 85,000	\$ 85,000
RICHFIELD REGIONAL CENTER, Add Trench on North Side of Building	\$ 30,000	\$ 30,000
ARCHIVES, CLEARFIELD C-6 WAREHOUSE, Lighting Upgrade	\$ 50,000	
CALVIN RAMPTON BUILDING, Security Camera and System Upgrade	\$ 230,000	\$ 230,000
CALVIN RAMPTON BUILDING, Replace Kallwall Skylight System	\$ 525,000	
RC #2 HEALTH CENTER, Upgrade HVAC Controls System	\$ 78,000	
BRIGHAM REGIONAL CENTER, Wall Construction	\$ 40,000	
CALVIN RAMPTON BUILDING, Replace Slab-on-Grade Reinforced Concrete	\$ 160,000	
STATE LIBRARY/DSVBI, Replace VCT Tile in Break Rooms, Kitchens, Hallway	\$ 52,000	\$ 52,000
STATE LIBRARY/DSVBI, Replace Security Camera System	\$ 50,201	
OGDEN REGIONAL CENTER, Domestic Water Piping and Roof Drain Piping Replacement	\$ 250,000	
BRIGHAM REGIONAL CENTER, Access Door Controls	\$ 60,000	
ACADEMY SQUARE, Front Counter Remodel	\$ 39,000	
OGDEN REGIONAL CENTER, Doors, Locks, and Hardware Replacement	\$ 190,000	
RICHFIELD REGIONAL CENTER, Demo & Replace Shop DWS Storage Building	\$ 175,000	
HEBER M WELLS, Parking Garage	\$ 80,000	
MOAB REGIONAL CENTER, Retaining Wall	\$ 23,000	
PROVO REGIONAL, Landscape & Irrigation Renovation & IQ Controls Update, Include Entries.	\$ 100,000	
CALVIN RAMPTON BUILDING Renovate Islands to Xeriscape	\$ 130,000	
HIGHLAND PLAZA, Landscape and Irrigation Renovation	\$ 65,000	
GOVERNOR'S MANSION, Re-solder Copper Roof Joints	\$ 25,000	\$ 25,000
GOVERNOR'S MANSION, Change Chilled Water Strainers	\$ 40,000	
GOVERNOR'S MANSION, Upgrade HVAC Controls	\$ 63,750	
GOVERNOR'S MANSION, Exterior Window Painting \$85,000 and Masonry Re-pointing Project	\$ 100,000	\$ 125,408
GOVERNOR'S MANSION, Replace Roof Heating HW Circulation Pump / Motors 3 H.P. X 2	\$ 2,300	
GOVERNOR'S MANSION, Replace Chilled Water Pump / Motors 3 H.P. X 2 and Two Valves on Chiller That Was Missed on HVAC DX Unit Cl	\$ 8,000	
GOVERNOR'S MANSION, Replace Heating Water Pumps / Motors 1 H.P. X 2	\$ 3,000	
GOVERNOR'S MANSION, Replace HW Water Pumps / Motors 1 H.P. X1	\$ 1,300	
GOVERNOR'S MANSION, Replace East and West Gate Entry Lights Add Parking Lighting for Visitors Lot.	\$ 45,000	\$ 55,431
Governor's Mansion - Mechanical Upgrades and Replacements	\$ 188,266	\$ 188,266
DFCM Arch Flash engineering	\$ 2,500,000	
	<b>\$ 9,922,384</b>	<b>\$ 5,632,305</b>

<b>Environmental Quality</b>		
	\$ -	\$ -
<b>Fairpark</b>		
Fairpark Multipurpose Roof Replace And Damage Repair	\$ 220,000	\$ 287,575
Fairpark Grand Building Interior Renovation	\$ 550,000	\$ 616,405
Fairpark Deferred Maintenance Weather Stripping/Door Refurbish	\$ 95,000	\$ 117,170
Fairpark A/C & Exhaust/Deferred Maintenance	\$ 140,000	\$ 177,873
Fairpark Grand Building AHU's A/C Deferred Maintenance/Upgrade	\$ 114,000	
Fairpark Food Court Window Replacement	\$ 204,000	
Fairpark Exterior Light Replacement	\$ 60,000	\$ 62,534
Fairpark Midway Street Drainage	\$ 1,200,000	
Fairpark Showering Roof Replacement	\$ 80,000	\$ 94,080
	<b>\$ 2,663,000</b>	<b>\$ 1,355,637</b>
<b>Health</b>		
CANNON HEALTH, Replace Fire Alarm System	\$ 225,000	\$ 279,433
CANNON HEALTH, Replace Cooling Tower and Pumps	\$ 178,000	\$ 274,190
HIGHLAND PLAZA, Generator	\$ 325,000	
UNIFIED LAB, Exhaust/Return Fan Wall Upgrade	\$ 307,000	\$ 389,870
HIGHLAND PLAZA, Chiller	\$ 200,000	
HIGHLAND PLAZA, Boilers	\$ 250,000	
HIGHLAND PLAZA, Building Control	\$ 200,000	
CANNON HEALTH, Replace Parking Lot Lights	\$ 350,000	
CANNON HEALTH, Daycare Restroom Remodel	\$ 29,795	
CANNON HEALTH, Replace Acoustical Ceiling Tile and Grid	\$ 650,425	
CANNON HEALTH, Upgrade HVAC Controls System	\$ 240,120	
CANNON HEALTH, Install Fire Sprinkler System	\$ 380,000	
CANNON HEALTH, Parking Lot Replacement	\$ 400,000	
CANNON HEALTH, Fitness Center Locker Room Remodel	\$ 60,724	
CANNON HEALTH, Replace Trash Compactor	\$ 30,000	
	<b>\$ 3,826,064</b>	<b>\$ 943,493</b>

<b>Human Services</b>		
VERNAL HUMAN SERVICES, Replace Emergency Lighting Battery Backup System	\$ 30,000	\$ 62,000
7TH WEST JUVENILE COURTS, Exterior Window and Door Upgrade	\$ 175,594	
7TH WEST JUVENILE COURTS, Roofing System Replacement	\$ 224,282	\$ -
8455 - Salt Lake Valley Detention - Replace Direct Digital Controls	\$ 276,250	
Farmington Bay Youth Center - Replace Direct Digital Controls	\$ 225,000	
9203 - Central Utah Youth Center - Upgrade Fire Alarm Control Panel	\$ 72,000	
USH VOIP Phone Conversion	\$ 177,000	
USH Paging System	\$ 400,000	
2217 - DYC Decker Lake Youth Center - Replace BUR Covering System	\$ 211,570	\$ 292,554
8455 - Salt Lake Valley Detention - Replace EPDM Single-Ply Membrane	\$ 1,020,000	\$ 644,901
USH Excel House/Museum Structural Upgrade Roof	\$ 500,000	
USDC Steam Line Replacement Phase III	\$ 2,500,000	\$ 2,500,000
Washington County Youth Crisis Center - Remodel	\$ 500,000	
USH Chapel HVAC System & Electrical Upgrade	\$ 138,625	
Salt Lake Detention Center - Rooftop unit replacement	\$ 540,500	\$ 540,500
Salt Lake Detention Center - Controls replacement	\$ 276,250	\$ 276,250
DHSDC Oakridge HVAC	\$ 726,168	
Slate Canyon Youth Center - Remodel	\$ 400,000	
USDC Landscape Master Plan	\$ 904,416	
5312 - Wasatch Youth Center - Replace Chiller	\$ 136,500	
5312 - Wasatch Youth Center - Replace Cooling Tower	\$ 33,120	
DHSDC Parking Lot Asphalt Maintenance	\$ 300,000	
9203 - Central Utah Youth Center - Replace EPDM Single-Ply Membrane	\$ 187,200	
8455 - Salt Lake Valley Detention - Replace 29 Package Unit - RTU's	\$ 540,500	
USH Paving	\$ 400,000	
USH Rampton I Generator Replacement	\$ 46,000	
USH Rampton Cafeteria Generator Replacement	\$ 46,000	
USH Rampton Cafeteria Exhaust Fan Replacement	\$ 28,875	
8610 - Slate Canyon Youth Center - Replace BUR (Built-up Roofing) System	\$ 390,000	
8289, 8290, 8291 Farmington Bay Youth Center - Replace EPDM Single-Ply Membrane	\$ 169,620	
USH Boiler Upgrade "Cleaver Brooks 300 hp"	\$ 50,000	
USH Support Services Building Fire Alarm Replacement	\$ 31,812	
USH Administration Building Electrical Upgrade	\$ 108,525	
USH Forensic Building Exhaust Fan Replacement	\$ 26,432	
USH Support Services Structural Assessment	\$ 12,000	
USH Road Salt Storage	\$ 22,000	
USH Administration Patio Drain	\$ 15,000	
USH Roof Electrical Room at Castle	\$ 20,000	
	<b>\$ 11,861,239</b>	<b>\$ 4,316,205</b>

<b>National Guard</b>		
Replace Electrical Service/Distribution	\$ 1,218,750	\$ 1,578,000
ARMORY, LOGAN, Domestic water piping replacement-	\$ 45,000	\$ -
ARMORY, AMERICAN FORK, Replace A/C units, controls & condensers	\$ 300,000	\$ 391,000
Replace Fire Alarm System Draper Facility	\$ 262,500	\$ 352,000
Repair/Replace fire suppression system	\$ 747,500	
Control System backbone at Camp Williams (Add to increase building controls to improve efficiency)	\$ 69,000	\$ 69,000
New Roof at Brigham City Armory	\$ 220,000	\$ 220,000
EIFS Exterior Option for RVALUE to meet Energy Code for Building Envelope	\$ 1,353,750	
ARMORY, PRICE, Relocate backflow preventer & add water softener	\$ 85,000	
ARMORY, PRICE, Replace sewer piping	\$ 52,000	
ARMORY, SPANISH FORK, Replace water heater	\$ 125,000	
ARMORY, SPANISH FORK, Repair gym floor	\$ 80,000	
ARMORY, TOOELE, Epoxy drill hall floor south end	\$ 8,400	
ARMORY, TOOELE, Carpet replacement	\$ 25,699	
ARMORY, OREM, Replace 110-ton chiller & add additional chilled water pump	\$ 250,000	
ARMORY, TOOELE, Add awning above northeast and northwest stairs	\$ 45,122	
	<b>\$ 4,887,721</b>	<b>\$ 2,610,000</b>
<b>Natural Resources</b>		
DNR, Exterior/Interior Security Camera	\$ 110,263	\$ 136,685
DNR, Building Lighting Control Upgrade, East Building	\$ 178,000	\$ 218,236
DNR, Replace Electrical Panels & Transformers	\$ 38,665	\$ 38,665
VERNAL DNR, Replace All Exterior Entry Doors.	\$ 20,000	\$ 38,000
DNR, Irrigation Renovation IQ Update	\$ 85,000	\$ 110,229
	<b>\$ 431,928</b>	<b>\$ 541,815</b>
<b>Parks &amp; Recreation</b>		
Bear Lake Marina Dock Replacement (Phase 3)	\$ 1,500,000	\$ 1,500,000
Bear Lake Rendezvous Beach CG Restroom Replacement	\$ 300,000	
Goblin Valley Overlook Restroom Replacement/Upgrade	\$ 450,000	\$ 450,000
Deer Creek Horned Owl Campground Restroom Replacement	\$ 300,000	\$ -
Green River Campground Restroom Replacement	\$ 300,000	\$ 300,000
Edge of the Cedars Visitor Center Rooftop HVAC Replacement	\$ 250,000	
Edge of the Cedars Visitor Center Boiler Replacement	\$ 120,000	
Palisade Main Culinary Water Storage Tank Replacement & Upgrade	\$ 200,000	
Starvation Main Culinary Well Improvements	\$ 100,000	
Jordan River OHV Irrigation Pump Generator Upgrade for Power	\$ 150,000	
Otter Creek Campground Asphalt Repairs	\$ 250,000	\$ 250,000
Anasazi Asphalt Paving Repairs	\$ 250,000	
Otter Creek Entrance Station/Office Replacement	\$ 350,000	\$ 250,000
Snow Canyon Main Road Asphalt Overlay/Repairs	\$ 750,000	
Green River Clubhouse Reroof	\$ 39,588	\$ 39,588
Red Fleet State park Maintenance Shop Reroof	\$ 21,837	\$ 21,837
	<b>\$ 5,331,425</b>	<b>\$ 2,811,425</b>

<b>Wildlife Resources</b>		
Central Region Office Replacement	\$ 2,400,000	\$ 1,500,000
Hardware Ranch Culinary Water System	\$ 335,000	\$ 335,000
Lee Kay Center Entrance, Electrical, Water	\$ 358,000	
Great Basin Research Center Pavement Upgrades	\$ 27,000	\$ 43,113
Lee Kay Fish Hatchery Road Paving	\$ 292,575	
Mammoth Creek Hatchery Pavement And Repairs	\$ 322,000	
Vernal Game Farm Pavement Up-grades	\$ 343,000	
Flaming Gorge Fisheries Project Pavement Up-grades	\$ 211,000	
Browns Park Field Station House Re-roof	\$ 24,180	\$ 24,180
	<b>\$ 4,312,755</b>	<b>\$ 1,902,293</b>
<b>Office Of Education</b>		
USDB Libby Edwards School HVAC Upgrade to Rooftop Units	\$ 561,000	\$ 561,000
USDB Ogden Card Access System	\$ 160,000	\$ 160,000
USDB Ogden Upgrade Honeywell F590 Fire Panel System	\$ 140,000	\$ 140,000
USDB Ogden A/V Classroom Emergency System for the Deaf Students & Staff	\$ 150,000	\$ 150,000
USDB Ogden Carpeting for the ERC and USIMAC Departments	\$ 36,000	
USDB Ogden Campus Domestic Hot Water Tank	\$ 45,000	
USDB Ogden Central HVAC for the STEP Building and for student cottages	\$ 35,000	
USDB Ogden Cottages kitchen/bathroom upgrade and carpeting	\$ 59,000	
USDB Ogden Roof membrane for Deaf and Blind School wings and shop	\$ 600,000	
USDB Ogden Roof asphalt shingles for 4 cottages and STEP Bldg.	\$ 45,000	
Schools for the Deaf and the Blind, Student Cottage Renovation*	\$ 320,000	
TAYLORSVILLE DEAF CENTER, Chiller & Cooling Tower Replacement	\$ 347,000	\$ 347,000
OFFICE OF EDUCATION, Replace Boilers	\$ 170,000	\$ 213,000
OFFICE OF EDUCATION, Water Main	\$ 50,000	\$ 50,000
OFFICE OF EDUCATION, Parking Lot Lighting	\$ 70,000	
JUDY ANN BUFFMIRE BLDG, Parking Lot Reseal and Restripe	\$ 10,000	
JUDY ANN BUFFMIRE BLDG, Upgrade HVAC Control System	\$ 73,000	
JUDY ANN BUFFMIRE BLDG, Carpet Replacement	\$ 100,952	
JUDY ANN BUFFMIRE BLDG, Door Replacement Corridor	\$ 25,418	
OFFICE OF EDUCATION, Paint all Common Areas	\$ 160,000	
OFFICE OF EDUCATION, Carpet Replacement	\$ 450,000	
OFFICE OF EDUCATION, Landscape and Irrigation Renovation	\$ 55,000	
	<b>\$ 3,662,370</b>	<b>\$ 1,621,000</b>

<b>Public Safety</b>		
MURRAY HIGHWAY PATROL ADMIN, Replace Hot, Chilled and Heating Water Circulation Pumps	\$ 12,500	\$ 241,000
MURRAY HIGHWAY PATROL ADMIN, Chiller Replacement	\$ 226,000	
AP&P, Cooling Tower Replacement	\$ 80,000	\$ 80,000
AP&P, Office Remodel	\$ 350,000	
TAYLORSVILLE BCI OFFICE, Parking Lot and Exterior Building LED Lighting Upgrade	\$ 45,000	\$ 55,431
TAYLORSVILLE BCI OFFICE 08517 Irrigation Controller And Metering Upgrade	\$ 12,000	\$ 14,782
DLDMV Irrigation Controller and Metering Upgrade	\$ 9,000	\$ 12,125
WEST VALLEY DRIVERS LICENSE, Replace Single ADA Automatic Door Operator System	\$ 3,125	\$ -
TAYLORSVILLE BCI OFFICE: Landscape & Irrigation Renovation & Update	\$ 60,000	\$ 72,878
OREM PUBLIC SAFETY Landscape and Irrigation Renovations	\$ 40,000	\$ 40,000
	<b>\$ 837,625</b>	<b>\$ 516,216</b>
<b>Tax Commission</b>		
TAX COMMISSION, Replace Elevator Hydraulic Piping	\$ 45,120	\$ 86,274
TAX COMMISSION, Replace Parking Lot Lights	\$ 350,000	\$ 250,000
TAX COMMISSION, Exit Lighting Upgrade Processing	\$ 10,000	
TAX COMMISSION, Restroom Remodel	\$ 230,136	
TAX COMMISSION, Breakroom Remodel	\$ 120,000	
TAX COMMISSION, Fitness Locker Room Remodel	\$ 85,157	
TAX COMMISSION, Lobby Tile Replacement	\$ 161,238	
	<b>\$ 1,001,651</b>	<b>\$ 336,274</b>

<b>UDOT</b>		
MAINTENANCE TESTING FACILITY, Replace Domestic Hot Water Heaters and Circulation Pumps	\$ 11,250	\$ 17,358
MAINTENANCE TESTING FACILITY, Paint Ceiling, Walls and Overhead Doors of Car shop and Prep Shop.	\$ 70,000	\$ 95,433
OREM REGION 3 UDOT, Replace Heating & Cooling System	\$ 400,000	\$ 400,000
Upgrade HVAC Region One Materials Lab	\$ 275,000	\$ 275,000
Replace Switchboard, Building Reroof and Misc. Repairs - Region One Office	\$ 175,000	\$ 175,000
Install new septic system - Huntsville Station	\$ 100,000	\$ 100,000
Construct new site water runoff retention - Colton Station	\$ 500,000	\$ 600,825
Replace floor drains and drain system - Richmond Station	\$ 100,000	\$ 100,000
Replace Windows and Office Remodel - Beaver Station	\$ 185,000	\$ 185,000
Repair Service Pits - Various Locations	\$ 150,000	
Station 3426 Spanish Fork - Paint Building	\$ 100,000	
Covered Storage - Region 3 Warehouse	\$ 75,000	
Replace Windows - Salt Lake East Station	\$ 75,000	
Various Locations -HVAC Upgrades	\$ 165,000	
Overhead doors - Salt Lake Northwest Station	\$ 50,000	
Station 3437A - Greendale	\$ 50,000	
Office expansion and remodel - Long Valley Station	\$ 50,000	
Move Gas Island - Monticello	\$ 150,000	
Automated Electric Gates - Various Locations	\$ 600,000	
Lighting Upgrades- Various Locations	\$ 100,000	
Remodel office area- Emery	\$ 50,000	
Repair site drainage		
New Wash Rack - Mt. Carmel	\$ 60,000	
Connect radiant floor heating system - Wellsville and Strawberry	\$ 275,000	
Repair Floor - Various Locations	\$ 100,000	
Lunt Park Rest Stop Reroof	\$ 78,475	\$ 78,475
UDOT Region #2 Carpenter/Landscape Building Reroof	\$ 27,543	\$ 27,543
	<b>\$ 3,972,268</b>	<b>\$ 2,054,634</b>
<b>Veterans Affairs</b>		
Delayed Egress in all four Veterans Homes	\$ 300,000	\$ 380,300
Design & Develop 9/10 Acre	\$ 150,000	\$ 177,200
Xeriscape Project	\$ 50,000	
	<b>\$ 500,000</b>	<b>\$ 557,500</b>

<b>Work Force Services</b>		
VERNAL DWS, Replace Rooftop Units	\$ 175,000	\$ 175,000
VERNAL DWS, Replace Emergency Lighting Battery Back Up System.	\$ 30,000	\$ 48,000
CLEARFIELD EMPLOYMENT CENTER, Second Floor Carpet Replacement	\$ 49,000	\$ 50,000
DWS 1385, Replace HVAC Units	\$ 450,000	\$ 595,000
RC #1 DWS CENTER, Upgrade HVAC Controls System	\$ 75,000	\$ 93,643
RC #1 DWS CENTER, Elevator Upgrade	\$ 100,000	\$ 124,195
Vernal DWS-Replace panel Pb, Main Disconnect, panel Lb, 30 Kva Transformer, Water Heater, Telephone system	\$ 34,000	
DWS MIDVALE, Two Projects		
Repoint Bottom Course Of Brick At South And West Elevations		
Replace Sealant At Windows	\$ 10,000	
DWS 1385, Upgrade VAV System	\$ 60,000	
DWS METRO, Parking Lot Lighting Upgrade	\$ 50,000	
DWS METRO, Upgrade Air Ducts	\$ 70,000	
DWS ADMIN, Cooling Tower	\$ 125,000	
DWS MIDVALE, Exterior Lighting Led Upgrade	\$ 28,000	
DWS METRO, Light Fixture Upgrade	\$ 40,000	
DWS ADMIN, Hot Water Loop	\$ 90,000	
WORKFORCE SERVICES, St. George, A/C Unit For DWS Break Room	\$ 50,000	
DWS MIDVALE, Landscaping Upgrades	\$ 20,000	
DWS ADMIN, Parking Garage Clean & Restripe	\$ 60,000	
MIDVALE WFS: Landscape & Irrigation Renovation & Update	\$ 150,000	
	<b>\$ 1,666,000</b>	<b>\$ 1,085,838</b>
<b>Total Requested</b>	<b>\$ 201,119,499</b>	

<b>Higher Education</b>		<b>\$ 67,602,878</b>
		63%
<b>State Agencies</b>		<b>\$ 39,168,222</b>
		37%
<b>Total Amounts Recommended for funding</b>		<b>\$ 106,771,100</b>
<b>High Priority Classification #1 Funded</b>		
UNIFIED LAB, First Floor Life Safety Repairs	\$ 1,700,000	\$ 1,322,000
DWR Statewide Radon Mitigation	\$ 900,000	\$ 500,000
Statewide Energy Metering Project	\$ 2,000,000	\$ 1,500,000
Retrofit of State Owned Fuel Tanks to Meet EPA Requirements	\$ 2,555,700	\$ 2,500,000
<b>UNALLOCATED CAPITAL IMPROVEMENT FUNDS STILL TO BE ALOCATED</b>	<b>\$ -</b>	<b>\$ -</b>
	<b>\$ 7,155,700</b>	<b>\$ 5,822,000</b>
<b>Grand Total: Higher Education, State Agencies and Critical Needs</b>		<b>\$ 112,593,100</b>
<b>Statewide Programs</b>		
Capital Improvements/ DFCM PM	\$ 1,913,500	
Emergency Fund	\$ 400,000	
FCA Program, Building Audits and Building Board	\$ 1,278,500	
HazMat Emergency Abatement	\$ 500,000	
HazMat Materials Survey	\$ 300,000	
Land Option Fund	\$ 400,000	
Paving Preventative Maint.		
Planning Fund	\$ 250,000	
Roofing Preventative Maint.		
Roofing Seismic Program		
Structural Snow Load Study	\$ 40,000	
State Facility Energy Study Fund	\$ 150,000	
<b>Total Statewide funds</b>	<b>\$ 5,232,000</b>	
<b>Total Allocated</b>		<b>\$ 117,825,100</b>
<b>Unallocated Balance</b>		<b>\$ -</b>
Number of Projects	<b>633</b>	<b>315</b>



**Gary R. Herbert**  
*Governor*

# Utah State Building Board

4110 State Office Building  
Salt Lake City, Utah 84114  
Phone (801) 538-3017  
Fax (801) 538-3267

## MEMORANDUM

To: Utah State Building Board  
From: Jeff Reddoor  
Date: April 6, 2016  
Subject: **Administrative Report for University of Utah and Utah State University**  
Presenters: Ken Nye, University of Utah  
Ben Berrett, Utah State University

---

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

JLR: cn  
Attachments



Office of the Vice President  
For Administrative Services

March 25, 2016

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

Subject: U of U Administrative Reports for the April 6, 2016 Building Board Meeting.

Dear Jeff:

The following is a summary of the administrative reports for the U of U for the period February 18, 2016 – March 23, 2016. Please include this in the packet for the April 6, 2016 Building Board meeting.

**Professional Services Agreements** (Page 1)

The Professional Services Agreements awarded during this period consist of:  
13 Design Agreements, 7 Planning/ Study/Other Agreements.

The most significant A/E agreement awarded was for the design of project 21868, U of U Hospital Cath Lab 5 which has a construction budget of \$1.5 million. The majority of the project budget is for medical equipment.

**Construction Contracts** (Page 2)

The Construction Contracts awarded during this period consist of:  
1 New Space Contracts, 11 Remodeling Contracts, 2 Site Improvement Contracts.

The most significant construction contract awarded was the CM/GC contract for project 21355, Alumni House Addition, which was authorized by the Legislature as part of the FY15 Revenue Bond Bill

**Report of Project Reserve Fund Activity** (Page 3)

Increases:

Transfers in reflect construction budget savings when bid came in under budget. Savings transferred to Project Reserve per statute.

Decreases:

None

**Report of Contingency Reserve Fund** (Page 4)

Increases:

None.

**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

Mr. Jeff Reddoor, Building Board Director  
March 25, 2016  
Page 2

Decreases:

Project 21224; HTW Plant – Replace Generator

This transfer of \$117,775 covers the cost of abatement and removal of asbestos containing material that had not been identified in previous HazMat surveys. The calcium silicate insulation covering one of the old expansion tanks had been contaminated with asbestos patching material used in the past to repair cracks.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth E. Nye", written in a cursive style.

Kenneth E. Nye, Director  
Facilities Management Business Services

Enclosures

cc: University of Utah Trustees  
Mike Perez  
Bruce Whittington



Professional Services Agreements

Awarded From February 18, 2016 - March 23, 2016

Item Number	Project Number	Project Name	Firm Name	Project Budget	Contract Amount
<b>Design</b>					
1	21833	West Village Gas System Valve Replacement	Nolte Associates Inc	\$ 50,000	\$ 9,500
2	21841	West Institute Dance Studio Cooling & Electrical Upgrade	WHW Engineering Inc	\$ 16,054	\$ 6,100
3	21858	UUHC Flood Mitigation Project	Architectural Nexus	\$ 150,000	\$ 33,600
4	21863	LNCO Levels 1 & 3 Remodel	Pasker Gould Ames and Weaver Inc	\$ 443,290	\$ 26,500
5	21865	HCI Cyclotron Vault	DLJ Mechanical Engineers	\$ 6,563	\$ 6,090
6	21868	U of U Hospital Cath Lab 5	Tracy Stocking and Associates	\$ 3,400,000	\$ 146,710
7	21898	Merrill Engineering Building Office Renovation	Design Interface LLC	\$ 25,000	\$ 10,800
8	21900	Sutton Building Display Slabs	Diamond Phillips	\$ 52,000	\$ 10,500
9	21910	Biology Room 201 Remodel	Tracy Stocking and Associates	\$ 1,478,000	\$ 17,925
10	70036	HCH Surgical Process Equipment Changes	Architectural Nexus	\$ 114,652	\$ 9,270
11	70048	Electrophysiology Lab	Architectural Nexus	\$ 6,800	\$ 6,800
12	70052	Moran Global Outreach Program	FFKR Architects	\$ 63,000	\$ 63,000
13	70049	Patient Replacement Remodel	The Richardson Design Partnership	\$ 19,140	\$ 19,140
<b>Planning/Study/ Other</b>					
14	21122	Browning Building Lobby Displays	Bruce W Jarvis JR	\$ 67,140	\$ 24,500
15	21223	BEHS 025 Seismic - Special Inspection & Testing	AGEC - Applied Geotechnical Engineeri	\$ 3,388,618	\$ 11,324
16	21878	Network Node Hardening Feasibility Study	SmithgroupJJR Inc	\$ 53,000	\$ 53,000
17	21901	EEJMVB Vivarium Study	HDR Architecture Inc	\$ 34,500	\$ 34,500
18	21911	Northwest Tower 3rd Floor Remodel Study	AJC Architects	\$ 2,567,929	\$ 11,250
19	21912	HEB Stockroom and Stairwell Code Improvements	AJC Architects	\$ 2,481,000	\$ 10,300
20	21698	Building 522 B-level Build Out	KW Engineering	\$ 6,000,000	\$ 49,410



**Construction Contracts**

**Awarded From February 18, 2016 - March 23, 2016**

<b>Item Number</b>	<b>Project Number</b>	<b>Project Name</b>	<b>Firm Name</b>	<b>Project Budget</b>	<b>Contract Amount</b>
<b>Construction - New Space</b>					
1	21355	Alumni House Addition	Zwick Construction Company	\$ 10,099,900	\$ 8,000
<b>Construction - Remodeling</b>					
2	21169	UMFA Mold Abatement	Eagle Environmental Inc	\$ 3,289,684	\$ 25,000
3	21224	Replace High Temperature Water Generator	Environmental Abatement Services	\$ 3,586,411	\$ 117,775
4	21532	Commuter Services Shuttle and Maintenance Offices	S and L Landscaping and Excavation	\$ 512,427	\$ 360,000
5	21677	Bldg 587 Controls and VAV Upgrade	KHI Mechanical	\$ 920,119	\$ 847,003
6	21719	Union - Make up Air Renovations	Commercial Mechanical Systems and Sevice	\$ 652,331	\$ 218,372
7	21738	BSB Chiller Replacement	Carson Plumbing and Mechanical Inc	\$ 722,696	\$ 511,946
8	21844	KUED Sound Room Renovations	Stirling Construction Inc	\$ 26,313	\$ 19,841
9	21856	Decision Support office Remodel	Hunt Construction of Utah Inc	\$ 257,799	\$ 115,972
10	21864	419 Wakara Boilder Replacement	Ralph and Sons Inc	\$ 167,934	\$ 131,684
11	70021	Huntsman Hospital Automatic Sliding Door	Access Door Systems	\$ 26,000	\$ 19,750
12	21820	Campus Store Fire Alarm Upgrade	REI Electric	\$ 128,385	\$ 69,900
<b>Construction - Site Improvement</b>					
13	21770	Irrigation Master Valve and Flow Sensor	Jacobsen Irrigation Design Inc	\$ 22,900	\$ 21,600
14	21900	Sutton Display Slabs	Global Granite	\$ 52,000	\$ 24,550



**University Of Utah**  
**Report Of Project Reserve Fund Activity**  
**For the Period of February 18, 2016 to March 23, 2016**

PROJECT NUMBER	PROJECT TITLE	TRANSFER AMOUNT	DESCRIPTION FOR CONTINGENCY TRANSFER	% OF CONSTR. BUDGET
21516	<b>BEGINNING BALANCE</b>	<b>641,062.09</b>		
	<b>INCREASES TO PROJECT RESERVE FUND:</b>			
	Replace HVAC Controls	38,985.60	Residual funds at project closeout	6.72%
	<b>DECREASES TO PROJECT RESERVE FUND:</b> None			
	<b>CURRENT BALANCE OF PROJECT RESERVE:</b>	<b>680,047.69</b>		



**University Of Utah**  
**Report Of Contingency Reserve Fund Activity**  
**For the Period of February 18, 2016 to March 23, 2016**

PROJ. NO.	DESCRIPTION	CURRENT TRANSFERS	TOTAL TRANSFERS FROM CONTINGENCY	% OF CONSTR. BUDGET	PROJECT STATUS
	<b>BEGINNING BALANCE</b>	<b>2,581,334.44</b>			
	<b>INCREASES TO CONTINGENCY RESERVE FUND</b>				
	None				
	<b>DECREASES TO CONTINGENCY RESERVE FUND</b>				
	<b>NEW CONSTRUCTION</b>				
	None				
	<b>REMODELING</b>				
21224	HTW Plant - Replace Generator	(117,775.00)	339,068.85	36.54%	Construction
	<b>ENDING BALANCE</b>	<b>2,463,559.44</b>			

March 25, 2016

Jeff Reddoor, Building Board Manager  
Division of Facilities Construction  
and Management  
State Office Building Room 4110  
PO Box 141160  
Salt Lake City, UT 84114-1284

Dear Jeff:

SUBJECT: USU Administrative Reports for the April 2016 Building Board Meeting

The following is a summary of the administrative reports for USU for the period 02/19/2016 to 03/25/2016.

**Professional Contracts, 5 contracts issued** (Page 1)

Comments are provided on the report.

**Construction Contracts, 5 contracts issued** (Page 2)

Comments are provided on the report.

**Report of Contingency Reserve Fund** (Page 3)

Two projects needed funds from the contingency reserve fund during this reporting period. The contingency fund is in good order.

**Report of Project Reserve Fund Activity** (Page 4)

Two projects closed and contributed funds to the project reserve fund during this reporting period. Two projects needed funds from the project reserve fund during this reporting period. The project reserve fund is in good order.

**Current Delegated Projects List** (Pages 5-7)

Of USU's 63 projects, 6 are pending, 13 are in the design/study phase, 34 are in construction, 7 are substantially complete, and 3 are complete. The projects that were completed during this period were the Old Main Roof Replacement North Wing, Health, LS, Code, Asbestos FY14, and USU Brigham City Robotics Lab.

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/bg  
c: Gregory L. Stauffer  
Eric Tholen



## Professional Contracts Awarded From 02/19/16 to 03/25/16

Project Name	Firm Name	A/E Budget	Fee Amount	Comments
1 Medium Voltage Upgrade FY15	Spectrum Engineers	\$136,110.00	\$35,190.00	Design on the 12.5kV Distribution System Upgrade
2 Medium Voltage Upgrade FY15	NEI Electric Power Engineering	\$136,110.00	\$35,000.00	Document existing design, review settings & test relaying in the CEP 15kV switchgear
3 Sign System FY15	Interpretive Graphics Signs & Systems	\$4,000.00	\$2,000.00	Provide develop identification signs for the USU Historical Quad District
<b>MISCELLANEOUS CONTRACTS</b>				
4 Health, LS, Code, Asbestos FY16	Dixon Information	\$175,800.00	\$50.00	Two air samples to test for mold
5 Health, LS, Code, Asbestos FY16	Dixon Information	\$175,800.00	\$35.00	One rush sample from BRASC 102

## Construction Contracts Awarded From 02/19/16 to 03/25/16

Project	Firm Name	Design Firm	Const Budget	Contract Amt	Comments
1 Spectrum Emergency Lighting Upgrade	TEC Electric	Spectrum Engineers	\$192,427.00	\$192,427.00	Update the emergency egress lighting
2 Elevator Upgrades FY15	Thyssen Krupp	USU Facilities Planning and Design	\$400,000.00	\$53,243.00	Replace two electronic door edges at Lillywhite, door operators at Natural Resources & Engineering, and starter at Natural Resources
3 Health, LS, Code, Asbestos FY16	USU Facilities Operations	USU Facilities Planning and Design	\$175,800.00	\$28,745.51	Roosevelt Student Center (132D) fire alarm system upgrade
<b>MISCELLANEOUS CONTRACTS</b>					
4 Health, LS, Code, Asbestos FY16	Thermal West Industrial		\$175,800.00	\$4,062.00	Pipe insulation at the USU Dairy Lab
5 Health, LS, Code, Asbestos FY16	Eagle Environmental		\$175,800.00	\$2,724.00	Remove floor tile and mastic from VSB 308 and 308B

**Report of Contingency Reserve Fund  
From 02/19/16 to 03/25/16**

Project Title	Current Transfers	Total Transfers To (From) Contingency	% to Construction Budget	Project Status	% Completed (Paid)
<b>BEGINNING BALANCE</b>	<b>\$587,822.98</b>				
<b>INCREASES TO CONTINGENCY RESERVE FUND</b> NONE					
<b>DECREASES FROM CONTINGENCY RESERVE FUND</b>					
<b>Campus Controls Upgrade FY14</b> Air handler replacement/controls	(21,657.65)	(21,657.65)	9.49%	Construction	70.28%
<b>Morgan Theater Upgrade</b> Light fixtures in the air handler	(2,553.56)	(176,466.55)	12.65%	Construction	98.46%
<b>ENDING BALANCE</b>	<b>\$563,611.77</b>				

## Report of Project Reserve Fund Activity From 02/19/16 to 03/25/16

Project Title	Transfer Amount	Description	% of Construction Budget
<b>BEGINNING BALANCE</b>	<b>\$506,832.20</b>		
<b>INCREASES TO PROJECT RESERVE FUND</b>			
Old Main Roof Replacement North Wing	30,673.39	Close project	8.59%
Health, LS, Code, Asbestos FY14	8,487.09	Close project	6.11%
<b>DECREASES TO PROJECT RESERVE FUND</b>			
Spectrum Emergency Lighting	(65,186.00)	Award construction contract	50.27%
Elevator Upgrades FY15	(5,596.81)	Award construction contract	1.53%
<b>ENDING BALANCE</b>	<b>\$475,209.87</b>		

## Current Delegated Projects List 3/25/2016

Project Number	Project Name	Phase	Project Budget
<b>CAPITAL DEVELOPMENT/IMPROVEMENT</b>			
A27146	Campus Controls Upgrade FY13	Substantial Completion	244,629
A27147	Campus-wide Bike Racks FY13	Construction	54,074
A28999	Building Commissioning FY14	Commissioning	196,296
A29000	Campus Controls Upgrade FY14	Construction	495,067
A29001	Classroom/Auditorium Upgrades FY14	Construction	308,965
A29003	Elevator Upgrades FY14	Substantial Completion	302,370
A29004	Emergency Generator FY14	Construction	250,000
A29005	Health, LS, Code, Asbestos FY14	Complete	139,718
A29006	Medium Voltage Upgrades FY14	Construction	368,637
A29007	Misc Critical Improvements FY14	Construction	249,979
A29011	Planning and Design FY14	Design/Study	157,256
A30560	Innovation Campus Water Line	Substantial Completion	168,749
A31318	1200 E Walk Way Improvements	Construction	943,030
A31321	Classroom/Auditorium Upgrade FY15	Construction	276,045
A31322	Concrete Replacement FY15	Construction	310,403
A31324	Elevator Upgrades FY15	Construction	405,597
A31325	Emergency Generator FY15	Pending	229,872
A31327	Health, LS, Code, Asbestos FY15	Substantial Completion	134,489
A31328	HVAC Controls Upgrade FY15	Pending	228,311
A31329	Medium Voltage Upgrade FY15	Construction	460,460
A31330	Morgan Theater Upgrade	Construction	1,597,496
A31332	Old Main Reroof	Substantial Completion	111,732
A31333	Planning and Design FY15	Design/Study	175,075
A31334	Sign System FY15	Construction	47,193
A31335	Site & Safety Lighting	Construction	322,525

A33054	Uintah Basin Nursing Lab Remodel	Substantial Completion	142,845
A33654	Romney Stadium Scoreboard	Construction	2,857,730
A33996	USU Brigham City Robotics Lab	Complete	550,997
A34282	Access Control FY16	Construction	54,795
A34283	Chilled Water Infrastructure FY16	Design	344,773
A34284	Classroom/Auditorium Upgrades FY16	Pending	275,847
A34285	Concrete Replacement FY16	Construction	243,096
A34287	Health, LS, Code, Asbestos FY16	Construction	183,300
A34289	Irrigation Controller Replacement FY16	Substantial Completion	66,353
A34290	Medium Voltage Upgrades FY16	Construction	1,088,506
A34291	NFS Mechanical System Phase I	Construction	777,966
A34292	Old Main Fire Alarm Upgrades FY16	Construction	437,577
A34293	Old Main Roof Replacement North Wing	Complete	599,900
A34294	Planning and Design FY16	Design/Study	96,687
A34295	RBW/Family Life Chilled Water Piping	Design	786,918
A34296	South Farm Fire Lane/Hydrants FY16	Construction	231,559
A34297	Spectrum Emergency Lighting Upgrade	Construction	252,505
A34298	UBC Infrastructure Improvements	Construction	1,158,887
A34299	Univ Inn/Widstoe Steam Line Replacement	Design	75,000
A34300	VCT Tile Replacement in Hallways	Pending	328,890
A34301	Vet Science Electrical Upgrade FY16	Design	98,753
A34468	Roosevelt Ed Ctr Aggie Station Remodel	Design	37,550
A35181	Living Learning Center Parking Garage Vestibules	Construction	103,824
A35463	Spectrum ADA Seating	Construction	31,090
A35569	Townhouse Stucco Proj Bldg 3	Pending	139,470
A35570	Athletics Refueling Station	Construction	139,538
A35676	Merrill Cazier Lib Testing Ctr	Construction	2,108,650
A35677	PDP Air Handling Units	Design	340,000
A35868	Summit Hall Remodel	Design	1,122,568
A35971	PDP Refreshment	Design	700,000
A35997	NE Auxiliary Tunnel Extension	Design	183,850
C11368	USUE Mechanical/Lighting upgrade	Construction	877,397
C11375	USUE Library Concrete Replacement	Construction	297,173
C11461	USUE Infrastructure/Automation Upgrade	Construction	461,857

C11508	USUE Career Center Upgrades	Construction	834,234
C11560	USUE Cosmetology Relocation	Construction	332,486
C11614	USUE Blanding Campus Mechanical FY16	Pending	45,662
C11615	USUE Geary Theatre Bldg Upgrades FY16	Design	1,992,786
<b>TOTAL (63)</b>			<u><u>\$28,578,987</u></u>



Gary R. Herbert  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jeff Reddoor  
Date: April 6, 2016  
Subject: **Administrative Report for DFCM**  
Presenter: Eric R. Tholen, DFCM Director

---

The following is a summary of the Administrative Report for DFCM

### **Lease Report** (Pages 1 - 2)

No significant items

### **Professional Services Agreements, 38 Agreements Issued** (Pages 3 - 5)

The Professional Services Agreements awarded during this period consist of:  
23 Design Agreements, 15 Planning/Study/Other Agreements.

No significant items

### **Construction Contracts, 37 Contracts Issued** (Pages 6 - 8)

The Construction Contracts awarded during this period consist of:

1 New Space Contract, 27 Remodeling Contracts, 2 Roofing/Paving, and 7 Other.

#### Item #1, Carbon County Courts Facility

This is a CM/GC agreement, the balance of the construction costs will be added by future change orders.

Item #6, DUP Museum Replace Compressor and Water Cooled Condenser  
Additional FY'17 Capital Improvement Funds will be added to this project

#### Item #18, Mountainland ATC HVAC Improvements

Funds from the Project Reserve Fund were used to award this contract

### **Report of Contingency Reserve Fund** (Page 9)

#### **Increases**

Increases are from budgeted contingency transfers and decrease change orders/modifications.

Decreases, Capital Development

CUCF 192 Bed Pod Expansion

This transfer of \$216,263 covers change orders #6 and #7. See attached pages #10 - 14 for details and contract summary.

UVU New Classroom Building

This transfer of \$78,880 covers change order #19. See attached pages #15 - 18 for details and contract summary.

Report of Contingency Reserve Fund

Decreases, Capital Improvement

DWR Replace Flaming Gorge Bunkhouse

This transfer of \$57,928 covers change orders #2 and #3, amendment #1, miscellaneous construction costs and inspection costs. See attached pages #19 - 25 for details and contract summary.

Ogden Regional Center Replace HVAC Improvements

This transfer of \$35,290 covers change order #2. See attached pages #26 - 27 for details and contract summary.

NOTE

Per 2016 House Bill #2, Item #58, the Contingency Reserve Fund will be reduced by \$5,000,000 in FY'17.

**Report of Project Reserve Fund Activity** (Pages 28 -30)

Increases

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

Decreases

Decreases are to award construction contracts on those projects that came in over the construction budget.

This report also includes a total by agency/institution for increases and decreases to this reserve fund, on a rolling 12 month basis. We will keep this updated, so you can see who has given and drawn from the Project Reserve Fund over this time period.

NOTE:

Per 2016 House Bill #2, Item #58, the project reserve fund will be reduced by \$1,225,000 in FY'17.



Division of Facilities Construction and Management  
 4110 State Office Building, Salt Lake City, UT 84114  
 Telephone (801) 538-3017 FAX (801) 538-3267

## LEASE REPORT

From 02/15/2016 to 03/15/2016

No	Agency/Location	Services	Space Type	Lease Term	Square Feet		Cost/Sq. Ft.		Comment
					Old	New	Old	New	

### NEW LEASES

1.									
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### AMENDMENTS

1.	12-0315 GOED, USTAR, WTC, OED and STEM 60 E. South Temple, Ste. 300,350 & 850 Salt Lake City	Revise Lease	Office	05/01/16 – 06/30/20	23,902	28,430	\$23.02	\$23.62	Add 4,528 SF to STEM Offices.
2.	15-1987 Workforce Service Refugee, 250 W. 3900 S. B Murray	Revise Lease	Office	12/01/15 – 06/30/20	4,179	6,398	\$12.00	\$12.00	Add 2,219 SF to Lease.
3.	01-1364 Human Services, Child & Family Services 305 North Main Tooele	Renew Lease	Office	07/01/16 – 06/30/24	9,385	9,385	\$23.64	\$23.64	Renew Lease for 5 years.
4.	88-0278 Tax Commission 581 North Main Street #2 Cedar City	Revise Lease	Office	03/01/16 – 12/31/16	1,259	118	\$10.25	N/A	Relocate agency and reduce 1,141 SF in Lease. \$200.00 per month for 10 month lease.



Division of Facilities Construction and Management  
4110 State Office Building, Salt Lake City, UT 84114  
Telephone (801) 538-3017 FAX (801) 538-3267

## LEASE REPORT

From 02/15/2016 to 03/15/2016

No	Agency/Location	Services	Space Type	Lease Term	Square Feet		Cost/Sq. Ft.		Comment
					Old	New	Old	New	
5.	02-0167 Medical Education Council 230 South 500 East # 200 Salt Lake City	Revise Lease	Office	04/01/16 – 06/30/16	2,383	2,496	\$21.87	\$21.87	Add 113 SF to Lease.
6.	29-6547 Human Services, (Lessor) 446 E. 2100 N., No. Ogden JST Community Svs.,LLC (Lessee)	Renew Lessor Lease	Housing for the Disabled	07/01/15-06/30/21	4,626	4,626	\$0.00	\$0.00	Renew Lessor Lease for 6 yrs.



# State of Utah

Division of Facilities and Construction Management

## Professional Contracts Awarded

Contract Type = P; Award Date >= 02/20/2016; and less than 03/25/2016

# Agency	Project Contract	Contract/Contractor	Type	Budget	Award
<b>Design</b>					
1 Courts	<u>15346150</u> <u>1670307</u>	Carbon County Courts   Nexus Design Services   Bri Architectural Nexus	Design	\$1,032,000	\$916,163
2 Corrections - Cucf	<u>15047110</u> <u>1670308</u>	Department Of Corrections   Cucf Various Paving Imp Johansen & Tuttle Engineering	Design	\$99,419	\$82,398
3 State Hospital	<u>16013420</u> <u>1670285</u>	Department Of Human Services   Utah State Hospital Summa Energy Solutions Llc	Design	\$11,500	\$11,500
4 Utah Highway Patrol	<u>17005550</u> <u>1670261</u>	Department Of Public Safety   Murray Highway Patrol Whw Engineering Inc	Design	\$18,441	\$19,385
5 Utah Highway Patrol	<u>16024550</u> <u>1670322</u>	Department Of Public Safety   Utah Highway Patrol Scott P Evans Architect&assoc	Design	\$13,330	\$8,656
6 Dfcm - Managed Buildings	<u>16003310</u> <u>1670284</u>	Dfcm   Governor's Mansion Controls And Pump Upgrade Whw Engineering Inc	Design	\$14,230	\$13,475
7 Administrative Services	<u>0396</u> <u>1670294</u>	Dfcm   Hpbs Msa   John Burningham Wasatch Enverdigris ****do Not Use**** use Vc200	Energy	\$438,600	\$18,000
8 Juvenile Justice Services	<u>15072430</u> <u>1670311</u>	Dhs - Jjs   Weber Valley Multi-use Youth Center - Architectural Testing	Commissioning	\$174,647	\$53,830
9 Dnr - Parks & Recreation	<u>14087510</u> <u>1670295</u>	Division Of Parks And Recreation   Bear Lake State West Coast Code Consultants dba Kimball Engineeri	Insp Observ Ser	\$12,000	\$12,600
10 Dnr - Parks & Recreation	<u>15071510</u> <u>1670298</u>	Dnr Parks & Recreation   Snow Canyon Park Main Camp Johansen & Tuttle Engineering	Design	\$30,890	\$25,810
11 Dnr - Wildlife Resources	<u>15240520</u> <u>1670309</u>	Dwr   Glenwood Fish Hatchery Upgrades   Dwight Palme Curtis Miner Architecture	Design	\$18,028	\$16,405
12 Dixie Atc	<u>13375290</u> <u>1670323</u>	Dxatc - New Campus Building   Unvc - Commissioning   Utah New Vision Construction Llc	Commissioning	\$340,371	\$199,905
13 Corrections	<u>15310100</u> <u>1670320</u>	Epperson & Morehouse Parcels West North Temple   Ph Rmec Environmental Inc	Environmental	\$4,267,013	\$6,458



# State of Utah

Division of Facilities and Construction Management

## Professional Contracts Awarded

Contract Type = P; Award Date >= 02/20/2016; and less than 03/25/2016

# Agency	Project Contract	Contract/Contractor	Type	Budget	Award
<b>Design</b>					
14 Fairpark	<u>15152370</u> <u>1670305</u>	Fairpark Grand Building Reroof   Matt Boyer   Bott P Bott Pantone Architects	Design	\$28,407	\$17,400
15 Health	<u>17015390</u> <u>1670328</u>	Health   Cannon Health Bldg Fire Alarm System Upgra Protection Consultants Inc	Design	\$25,245	\$14,765
16 Uintah Basin Atc	<u>15070250</u> <u>1670299</u>	Inspections   Ubatc New Cdl Training Range Epic Engineering	Insp Observ Ser	\$9,935	\$15,879
17 Juvenile Justice Services	<u>16006430</u> <u>1670302</u>	Jjs   Wasatch Youth Center Fire Alarm Upgrade   Rob Protection Consultants Inc	Design	\$13,655	\$5,370
18 National Guard	<u>16022480</u> <u>1670319</u>	National Guard   Camp Williams High Pressure Water Bowen Collins & Associates Inc.	Design	\$11,391	\$10,443
19 Dept Of Comm & Culture	<u>16023080</u> <u>1670314</u>	Pre-program Study For A Museum For The   Departmen Crsa Inc	Programming	\$44,500	\$44,500
20 Corrections	<u>15310100</u> <u>1670326</u>	Proposed Usp Relocation Site, I-80 West   Salt Lake R&r Environmental	Environmental	\$4,267,013	\$15,500
21 Courts	<u>15035150</u> <u>1670324</u>	Provo Fourth District Courthouse   Unvc - Commissio Utah New Vision Construction Llc	Commissioning	\$320,000	\$499,990
22 Courts	<u>15035150</u> <u>1670338</u>	Provo Fourth District Courthouse Block 86   100 N. First American Title Co	Real Estate	\$0	\$407,757
23 Dept Of Comm & Culture	<u>14342080</u> <u>1670235</u>	Rio Grande Bldg Window And Door Renovations   Taylo Mjsa Architecture Pc	Design	\$16,515	\$11,138
24 Snow College South	<u>17008710</u> <u>1670287</u>	Snow College - Richfield   Washburn Building   Wind Campbell & Associates	Design	\$16,850	\$15,876
25 Snow College	<u>17009710</u> <u>1670286</u>	Snow College Ephraim   Stadium Lead-based Paint Rem R&r Environmental	Haz Mat Consult	\$0	\$34,980
26 Snow College	<u>17010710</u> <u>1670296</u>	Snow College Ephraim & Richfield Campuses   Asphalt Savage Surveying Inc	Design	\$59,491	\$45,000
27 Southern Utah University	<u>16007730</u> <u>1670303</u>	Suu Sharwan Smith Center Partial Reroof & Skylight Campbell & Associates	Design	\$36,789	\$31,928



# State of Utah

Division of Facilities and Construction Management

## Professional Contracts Awarded

Contract Type = P; Award Date >= 02/20/2016; and less than 03/25/2016

# Agency	Project Contract	Contract/Contractor	Type	Budget	Award
<b>Design</b>					
28 Southern Utah University	<u>17006730</u> <u>1670304</u>	Suu Sorensen Pe Building Flat Roof Replacement   Ma Campbell & Associates	Design	\$38,147	\$28,237
29 National Guard	<u>15151470</u> <u>1670293</u>	Ung Manti Armory Reroof   Matt Boyer   Mcneil Engin Mcneil Engineering Inc	Design	\$37,694	\$17,000
30 Fairpark	<u>15245370</u> <u>1670313</u>	Usfp Zion Building Reroof   Matt Boyer   Bott Pantone Bott Pantone Architects	Design	\$10,505	\$8,200
31 National Guard	<u>15201470</u> <u>1670283</u>	Utah National Guard - Manti Armory   Electrical Pan Ken Garner Engineering Inc	Design	\$7,916	\$9,040
32 Developmental Center	<u>16018410</u> <u>1670292</u>	Utah State Developmental Center   Cottonwood Housin R&r Environmental	Haz Mat Consult	\$63,000	\$22,770
33 Utah Valley University	<u>15369790</u> <u>1670282</u>	Utah Valley University   Basketball Facility - Geot Agec Stg	Geotechnical	\$188,028	\$4,250
34 Utah Valley University	<u>15368790</u> <u>1670281</u>	Utah Valley University   New Autism Building - Geot Agec Stg	Geotechnical	\$417,516	\$4,750
35 Utah Valley University	<u>17011790</u> <u>1670315</u>	Uvu   Replace Boilers At Plant #1 And #2   Dwight Pa Whw Engineering Inc	Design	\$52,242	\$47,000
36	<u>17012790</u> <u>1670316</u>	Uvu   Replace Fan Coils Hall Of Flags - Admin   Dwi Whw Engineering Inc	Design	\$30,720	\$27,000
37 Utah Valley University	<u>15369790</u> <u>1670277</u>	Uvu Basketball Facility - Land Survey   Ensign Engi Ensign Engineering & Lands Surveying Inc	Site Survey	\$188,028	\$4,600
38 Weber State University	<u>17002810</u> <u>1670291</u>	Wsu Browning Center Reroof Phase Ii & Mechanical U Scott P Evans Architect&assoc	Design	\$48,267	\$20,259



# State of Utah

Division of Facilities and Construction Management

## Construction Contracts Awarded

Contract Type = C; Award Date >= 02/20/2016; and less than 03/25/2016

#	Agency	Project Contract	Contract/Contractor	Type	Budget	Award
<b>Other</b>						
1	Courts	<u>15346150</u> <u>1675265</u>	Carbon County Courts   Cm/gc Okland   Brian Bales Okland Construction Company, Inc.	Constr Cmgc	\$10,902,129	\$40,000
2	Corrections - Draper	<u>15192100</u> <u>1675234</u>	Department Of Corrections   Smoke Evacuation System Commercial Mechanical Systems & Service	Const Remodel	\$510,227	\$507,175
3	Dfcm - Managed Buildings	<u>12249310</u> <u>1675266</u>	Department Of Transportation   Calvin Rampton   Rep Murray Glass	Const Remodel	\$100,000	\$65,032
4	Veterans Affairs	<u>15280490</u> <u>1675235</u>	Department Of Veterans Affairs   George E. Wahlen V Patriot Construction	Const Remodel	\$108,328	\$108,338
5	Workforce Services	<u>16014920</u> <u>1675261</u>	Department Of Workforce Services   Admin Bldg It Ro Commercial Mechanical Systems & Service	Const Remodel	\$256,810	\$182,915
6	Capitol Preservation Bd	<u>13074050</u> <u>1675215</u>	Dfcm   Dup Chiller Replacement   Rob Robinson Tod R Packer Heating & Air Conditioning	Const Remodel	\$89,718	\$263,689
7	Dnr - Wildlife Resources	<u>16019520</u> <u>1675252</u>	Division Of Wildlife Resources   Lee Kay - Rv Elect Taylor Electric Inc.	Const Remodel	\$16,805	\$16,800
8	Dnr - Wildlife Resources	<u>15308520</u> <u>1675246</u>	Division Of Wildlife Resources   Lee Kay Fish Hatch John Greg Roberts dba J. Lyne Roberts & Sons, In	Const Remodel	\$1,120,866	\$1,118,635
9	Dnr - Wildlife Resources	<u>15039520</u> <u>1675258</u>	Division Of Wildlife Resources   Springville Fish Jeff Beasley / A-rod Welding	Const Remodel	\$174,725	\$19,696
10	Dixie St College Of Utah	<u>15140640</u> <u>1675255</u>	Dixie State University   Fitness Center - Reroof   M Jts Roofing Inc.	Roofing	\$180,873	\$146,400
11	Dixie St College Of Utah	<u>15095640</u> <u>1675245</u>	Dixie State University   Smith Computer Center - Broderick & Henderson Construction Lc	Const Remodel	\$581,210	\$580,900
12	Dnr - Wildlife Resources	<u>15117520</u> <u>1675240</u>	Dwr Fisheries Experiment Building Hvac Upgrades   D Commercial Mechanical Systems & Service	Const Remodel	\$71,370	\$68,016
13	Dnr - Wildlife Resources	<u>15039520</u> <u>1675243</u>	Dwr Glenwood Fish Hatchery, Hatchery Building   Rad Sr Mechanical	Const Site Imp	\$174,725	\$15,329
14	Dnr - Wildlife Resources	<u>15039520</u> <u>1675244</u>	Dwr Mammoth Creek Fish Hatchery, Hatchery Bldg   Ra Sr Mechanical	Const Site Imp	\$174,725	\$17,525



# State of Utah

Division of Facilities and Construction Management

## Construction Contracts Awarded

Contract Type = C; Award Date >= 02/20/2016; and less than 03/25/2016

# Agency	Project Contract	Contract/Contractor	Type	Budget	Award
<b>Other</b>					
15 Dnr - Wildlife Resources	<u>15039520</u> <u>1675259</u>	Dwr Springville Fish Hatchery East Hatchery Bldg   Rod Lewis Construction Llc	Const Remodel	\$174,725	\$24,965
16 Dfcm - Managed Buildings	<u>12249310</u> <u>1675256</u>	Isf Construction Contract - Joanna Reese   Provide Wasatch Controls	Const Remodel	\$100,000	\$15,228
17 Dfcm - Managed Buildings	<u>12249310</u> <u>1675272</u>	Isf Contract - Joanna Reese   Abc Store 37 - Loadin Daw Construction Group, Llc	Const Remodel	\$100,000	\$15,844
18 Mountainland Atc	<u>15130260</u> <u>1675250</u>	Matc - Welding/ Infiltration And Cdl Mau/ Enclosur Patriot Construction	Const Remodel	\$499,760	\$586,267
19 Board Of Education	<u>15232200</u> <u>1675262</u>	Office Of Education   Building Lighting Retrofit   C Advanced Lighting Inc	Const Remodel	\$228,732	\$24,170
20 Dept Of Transportation	<u>15213900</u> <u>1675257</u>	Replace Sump Control And Pump Sump Piping   Udot Ra American Mechanical Systems Service	Const Remodel	\$186,098	\$19,480
21 Salt Lake Comm College	<u>15214660</u> <u>1675242</u>	Salt Lake Community College - Redwood Road Campus   Commercial Mechanical Systems & Service	Const Remodel	\$165,432	\$49,085
22 Salt Lake Comm College	<u>14254670</u> <u>1675241</u>	Salt Lake Community College - South City Campus   Commercial Mechanical Systems & Service	Const Remodel	\$409,863	\$379,182
23 Snow College South	<u>15101710</u> <u>1675275</u>	Snow College (richfield)   North Boundary Security Sumsion Construction dba Eckles Paving	Paving	\$142,930	\$139,719
24 Dfcm - Statewide Funds	<u>15311300</u> <u>1675271</u>	Snow College Ephraim, Snow Hall   Abatement Of Viny Environmental Abatement Inc	Haz Mat Const	\$286,200	\$12,900
25 Dfcm - Statewide Funds	<u>12200300</u> <u>1675231</u>	Snow College Richfield, Sevier Valley Center   Back A & D Jensen Contractors Inc	Const Remodel	\$1,396,012	\$24,417
26 Southern Utah University	<u>15001730</u> <u>1675194</u>	Suu Science Center Skylight Modifications   Jake Hu Jake Hulet Construction	Const Remodel	\$362,942	\$19,170
27 Tax Commission	<u>15220310</u> <u>1675226</u>	Tax Commission Bldg. Chiller And Cooling Tower Rep Archer Mechanical Inc	Const Remodel	\$609,490	\$609,490
28 Corrections - Draper	<u>13305100</u> <u>1675214</u>	Timp. Star 1-4 Buildings Intercom Upgrade   Doc   Wa Harris Acquisition Iii Llc dba Wasatch Controls	Const Remodel	\$210,527	\$19,984



# State of Utah

Division of Facilities and Construction Management

## Construction Contracts Awarded

Contract Type = C; Award Date >= 02/20/2016; and less than 03/25/2016

# Agency	Project Contract	Contract/Contractor	Type	Budget	Award
<b>Other</b>					
29 Dfcm - Statewide Funds	<u>15311300</u> <u>1675253</u>	Utah College Of Applied Technology   Davis Atc - Environmental Abatement Inc	Haz Mat Const	\$286,200	\$22,030
30 National Guard	<u>15116470</u> <u>1675239</u>	Utah National Guard   Logan Armory Waterline Replac Ralph Tye & Sons Inc	Const Remodel	\$156,330	\$153,046
31 Developmental Center	<u>16018410</u> <u>1675264</u>	Utah State Developmental Center, Cottonwood Unit   Rocmont Industrial Corp	Haz Mat Const	\$63,000	\$72,000
32 Fairpark	<u>15275370</u> <u>1675205</u>	Utah State Fairpark   Dairy, Milk, And Goat Barns - Abstract Masonry Restoration	Const Remodel	\$38,039	\$34,950
33 Fairpark	<u>15277370</u> <u>1675254</u>	Utah State Fairpark   Market And Sheep Barns - Wind Eagle Environmental Inc	Haz Mat Const	\$55,000	\$15,854
34 Fairpark	<u>15276370</u> <u>1675229</u>	Utah State Fairpark   Various Buildings   Electrica Taylor Electric Inc.	Const Remodel	\$147,979	\$149,243
35 Dfcm - Statewide Funds	<u>12200300</u> <u>1675238</u>	Utah State Prison - Substation Recloser Control Re Intermountain Consumer Prof Engrs	Const Remodel	\$1,396,012	\$11,750
36 Utah State University	<u>15128770</u> <u>1675236</u>	Utah State University   Center For Persons With Dis Environmental Abatement Inc	Haz Mat Const	\$63,166	\$20,480
37 Utah Valley University	<u>16012790</u> <u>1675251</u>	Utah Valley University   Pope Science Building   Pla Rod Lewis Construction Llc	Const Remodel	\$200,000	\$129,156

# DFCM

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

## REPORT OF CONTINGENCY RESERVE FUND

Apr-16

PROJECT TITLE			DEVELOPMENT STATE FUNDS CURRENT TRANSFERS	IMPROVEMENT STATE FUNDS CURRENT TRANSFERS	TRANSPORTATION FUNDS CURRENT TRANSFERS	TOTAL TRANSFERS FROM CONTINGENCY	% TO CONSTR. BUDGET	PROJECT STATUS	% Complete
<b>BEGINNING BALANCE</b>			6,903,891.45	6,989,870.49	7,415.55				
<b>FUNDING</b>									
None									
<b>OTHER INCREASES</b>									
12039	DFCM	Utah Space Standards Update	-	9,445.00	-	106,923.17	100.89%	Closed	100%
<b>DECREASES</b>									
08231	CUCF	192 Bed Pod Expansion	(216,262.75)	-	-	961,569.35	3.14%	Construction	52%
12192	UVU	New Classroom Building	(78,880.00)	-	-	2,506,547.62	5.36%	Complete	98%
15003	Wildlife	Flaming Gorge Bunkhouse	-	(57,927.61)	-	62,848.96	15.24%	Construction	47%
14091	DFCM	Ogden Reg HVAC	-	(35,289.90)	-	58,191.04	4.44%	Construction	91%
11194	USU	Business Bldg Addition/Remodel	(33,603.98)	-	-	524,678.10	1.18%	Construction	92%
15242	Wildlife	Springville Hatchery Eyeing Room	-	(31,169.76)	-	31,169.76	6.61%	Construction	55%
14202	UNG	West Jordan Armory Upgrade	-	(12,158.00)	-	12,158.00	0.66%	Construction	23%
13157	DHS	USDC TLC Bldg HVAC Replacement	-	(10,124.00)	-	10,124.00	2.87%	Construction	74%
13336	UOFU	Huntsman Cancer Phase IV	(9,576.59)	-	-	190,256.47	0.21%	Construction	45%
14076	Wildlife	Springville/Egan Window Replacement	-	(4,225.00)	-	4,225.00	3.89%	Closed	100%
14077	OWATC	Bus Bldg Chiller/Boiler Soft Water Systems	-	(1,295.48)	-	1,295.48	0.31%	Complete	100%
14217	Courts	Richfield HVAC & VAV Replacement	-	(1,219.00)	-	1,219.00	2.45%	Closed	100%
15065	Corrections	Ogden Regional Office Remodel	-	(1,057.00)	-	1,057.00	5.48%	Complete	100%
14198	Parks	Fremont Maintenance Shop Replacement	-	(1,053.25)	-	30,641.43	6.93%	Complete	100%
15073	DVA	Payson Nursing Home Storage Facility	-	(600.00)	-	16,369.54	9.54%	Construction	100%
14195	Courts	Richfield Council Remodel	-	(565.00)	-	30,783.40	25.74%	Closed	100%
<b>TOTAL</b>			6,565,368.13	6,842,631.49	7,415.55				
NOTE: Contingency Reserve Fund Will Be Reduced FY2017 By \$5,000,000.00 Per HB#2 Item #58									



## Construction Change Order

Construction Change Order			
<b>Description:</b>	CUCF W1 HOUSING LAYTON CONSTRUCTION BRIAN BALES	<b>Status:</b>	CO EXECUTED
		<b>Change Order Date:</b>	Feb 23, 2016
		<b>Total Amount:</b>	\$41,431.75
		<b>New End Date:</b>	
<b>Capital Project:</b>	08231110 (CUCF 192 BED POD EXPANSION/288 BED DESGN)		

Contractor		Original		Change	
<b>Contractor:</b>	66309F (LAYTON CONSTRUCTION COMPANY)	<b>Award:</b>	\$28,170,000.00	<b>Award:</b>	\$28,170,000.00
		<b>Change Order:</b>	\$682,349.25	<b>Change Order:</b>	\$723,781.00
		<b>Total:</b>	\$28,852,349.25	<b>Total:</b>	\$28,893,781.00
<b>Address Code:</b>	001 (9090 S SANDY PKY, SANDY, UT 84070-6409)	<b>Start:</b>	Mar 26, 2015	<b>Start:</b>	Mar 26, 2015
<b>Contract:</b>	157854	<b>End:</b>		<b>End:</b>	

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	ASI #16 RELOCATE ROUGH'IN FOR VIDEO VISITATION TO DAYROOM KIOSKS	001	CONSTRUCTION	UNK COND-CONTIN	\$4,544.75	
002	ASI #19 STRUCTURAL MODIFICATIONS TO TACTICAL/MECHANICAL ROOMS	001	CONSTRUCTION	UNK COND-CONTIN	\$3,230.00	
003	ASI #06 ADDN JOIST SUPPORT ABOVE MECH. RM. OPENING	001	CONSTRUCTION	AE OMISSION-CON	\$1,132.00	
004	ADD SHT MTL COVERS OVER CABLES AT KENNEL GUILLOTINE DOORS 12 EA.	001	CONSTRUCTION	AE OMISSION-CON	\$4,818.00	
005	RFI #180 PROVIDE CERAMIC TILE AND BASE AT RESTROOM W129	001	CONSTRUCTION	AE OMISSION-CON	\$1,318.00	
006	RFI #182 ADD LINTEL BEAM ACROSS CORRIDOR TO PROVIDE SUPPORT FOR ROOF FRAMING	001	CONSTRUCTION	AE OMISSION-CON	\$1,375.00	
007	RFI #201 PROVIDE FRONT ACCESS TOILET IN ROOM W143	001	CONSTRUCTION	AE OMISSION-CON	\$2,440.00	
008	RFI #207 ADD REINFORCING COUPLERS AT ADDED REINFORCING TO THE MONROE CENTER COLUMNS TO RESOLVE CLEARANCE ISSUES	001	CONSTRUCTION	AE OMISSION-CON	\$7,958.00	
009	RFI #224 USE GYP BRD PARTITION CHASE IN LIEU OF CMU AT W137	001	CONSTRUCTION	UNK COND-CONTIN	\$(75.00)	
010	PER PENDING SMOKE STUDY & PR #20 FAN REVISIONS	001	CONSTRUCTION	UNK COND-CONTIN	\$12,215.00	



### Construction Change Order

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
011	DELETE DEMOLITION OF PORTION OF EXISTING DOG KENNEL	001	CONSTRUCTION	UNK COND-CONTIN	\$(1,000.00)	
012	ROCK EXC., BORE 6" HOLE UNDER DUCT BANK FOR KENNEL GAS LINE	001	CONSTRUCTION	UNK COND-CONTIN	\$2,403.00	
013	PROVIDE SHEET METAL PIPE COVER OVER PIPING AT EAST SIDE OF KENNEL	001	CONSTRUCTION	AE OMISSION-CON	\$1,073.00	



## Construction Change Order

Construction Change Order			
<b>Description:</b>	CUCF WEST 1 -192 BED LAYTON CONSTRUCTION BRIAN BALES	<b>Status:</b>	CO EXECUTED
		<b>Change Order Date:</b>	Mar 10, 2016
		<b>Total Amount:</b>	\$174,831.00
		<b>New End Date:</b>	
<b>Capital Project:</b>	08231110 (CUCF 192 BED POD EXPANSION/288 BED DESGN)		

Contractor		Original		Change	
<b>Contractor:</b>	66309F (LAYTON CONSTRUCTION COMPANY)	<b>Award:</b>	\$28,170,000.00	<b>Award:</b>	\$28,170,000.00
		<b>Change Order:</b>	\$723,781.00	<b>Change Order:</b>	\$898,612.00
		<b>Total:</b>	\$28,893,781.00	<b>Total:</b>	\$29,068,612.00
<b>Address Code:</b>	001 (9090 S SANDY PKY, SANDY, UT 84070-6409)	<b>Start:</b>	Mar 26, 2015	<b>Start:</b>	Mar 26, 2015
<b>Contract:</b>	157854	<b>End:</b>		<b>End:</b>	

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	PR-22 PROVIDE MODIFICATIONS TO THE SECURITY GATE SYSTEM INCLUDING OPERATORS, GATE CONTROLS,CAMERAS,INTER READERS	001	CONSTRUCTION	AE OMISSION-CON	\$174,831.00	



# State of Utah

Division of Facilities and Construction Management

Construction Contract = 157854

## Construction Contract Summary

### 157854 - Utah Department Of Corrections | Central Utah Corrections Fac

<b>Project Title:</b>	Cucf 192 Bed Pod Expansion/288 Bed Desgn	<b>Vendor #:</b>	66309F
<b>Project #:</b>	08231110		Layton Construction Company
<b>Program Director:</b>	Brian Bales (172200)		9090 S Sandy Pky
<b>Open PO's-Prj:</b>	(1) for \$5,200.00		Sandy, Ut 84070-6409
<b>Contract Name:</b>	Utah Department Of Corrections   Central Utah Corrections Fac	<b>Status:</b>	Notice To Proceed
<b>Contract Type:</b>	Const New Space	<b>DO #:</b>	15050725085
<b>Component Group:</b>	Construction	<b>Retainage #:</b>	8695385
<b>Building:</b>	12277		Cucf 192 Bed Pod Expansion/288 Bed Desig

<b>Component:</b>	Construction (8)	<b>Expense Budget:</b>	6811
<b>Account:</b>	3000-300-3332-FWC-08231110		Construction Dev New Spc

<b>Component:</b>	Construction (8)	<b>Expense Budget:</b>	6811
<b>Account:</b>	3000-300-3332-FVA-08231110		Construction Dev New Spc

### Funding Sources

Funding Source	Budget %	Appropriation	Allotment
GFFY2009	100.00	\$2,500,000.00	\$0.00
<b>Funding Totals:</b>	<b>100.00</b>	<b>\$2,500,000.00</b>	<b>\$0.00</b>

### Payment Summary

Date	Invoice #	Status	Amount
5/7/15	08231110#1	Invoice Released	\$938,682.00
6/11/15	08231110#2	Invoice Released	\$752,325.00
7/1/15	08231110#3	Invoice Released	\$1,217,229.00
7/28/15	08231110#4	Invoice Released	\$1,384,099.00
9/17/15	08231110#5	Invoice Released	\$1,413,968.49
10/5/15	08231110#6	Invoice Released	\$2,284,430.80
11/2/15	08231110#7	Invoice Released	\$2,352,046.10
12/2/15	08231110#8	Invoice Released	\$1,973,133.85
1/4/16	08231110#9	Invoice Released	\$1,613,169.35
2/4/16	08231110#10	Invoice Released	\$1,171,510.55
3/1/16	157854#11	New	\$85,213.25
3/1/16	08231110#11	New	\$1,619,051.75
<b>Total Payments:</b>			<b>\$ 16,804,859.14</b>

### Retainage Summary

Date	Invoice #	Status	Amount
5/7/15	157854#1	Invoice Released	\$49,404.00
6/11/15	157854#2	Invoice Released	\$39,596.00
7/1/15	157854#3	Invoice Released	\$64,065.00
7/28/15	157854#4	Invoice Released	\$72,847.00

### Change Order Summary

Awards		
Award Date	Number	Amount
03/16/2015	A001	\$28,170,000.00
	<b>Total Award:</b>	<b>\$ 28,170,000.00</b>

### Change Orders

Date	Number	Status	Amount
7/27/15	CO 001	Co Executed	\$(24,112.75)
9/22/15	CO 002	Co Executed	\$281,510.00
10/14/15	CO 003	Co Executed	\$182,334.00
1/12/16	CO 004	Co Executed	\$0.00
1/21/16	CO 005	Co Executed	\$242,618.00
2/23/16	CO 006	Co Executed	\$41,431.75
3/10/16	CO 007	Co Executed	\$174,831.00

<b>Change Order Total:</b>	<b>\$898,612.00</b>
Total Amendments (Less: Award Bid Pack Changes):	\$898,612.00
<b>Adjusted Contract Value:</b>	<b>\$29,068,612.00</b>



# State of Utah

Division of Facilities and Construction Management

Construction Contract = 157854

## Construction Contract Summary

### Retainage Summary

Date	Invoice #	Status	Amount
9/17/15	157854#5	Invoice Released	\$74,419.76
10/5/15	157854#6	Invoice Released	\$120,233.20
11/2/15	157854#7	Invoice Released	\$123,791.90
12/2/15	157854#8	Invoice Released	\$103,849.15
1/4/16	157854#9	Invoice Released	\$84,903.65
2/4/16	157854#10	Invoice Released	\$61,658.45
<b>Retainage Total:</b>			<b>\$794,768.11</b>

### Release Summary

Release Date	Release	Amount
	Release # 1	
	Release # 2	
	Release # 3	
	Release # 4	
	Release # 5	
<b>Release Total:</b>		<b>\$ 0.00</b>
<b>Net Retainage:</b>		<b>\$ 794,768.11</b>

### Contract Summary

Adjusted Contract Value:	\$ 29,068,612.00
Paid to Contractor:	\$16,804,859.14
Retainage to Bank:	\$794,768.11
Total Paid:	\$17,599,627.25
<b>Contract Balance:</b>	<b>\$11,468,984.75</b>

### Contractor Summary

Adjusted Contract Value:	\$ 29,068,612.00
Paid to Contractor:	\$16,804,859.14
Retainage Releases:	\$ .00
Total Paid to Contractor:	\$16,804,859.14
<b>Contractor Balance:</b>	<b>\$12,263,752.86</b>

Change Order % of Original: 3.19%

Percentage of Contract Paid: 60.55%

Dates		Days	
From	To	Target	Lapsed
3/26/15	7/30/16	492	365
<b>Adjusted</b>	<b>Substantial</b>	<b>Original</b>	<b>Days</b>
7/30/16		7/30/16	

Percentage of Time Lapsed: 74.19%

### Reasons for Change Orders

Reason	Percent	Amount
Ae Omission-prj	13.12%	\$117,908.00
Dfcm Scope-cont	-0.16%	-\$1,435.00
Ae Omission-oth	0.00%	\$0.00
Unk Cond-contin	16.31%	\$146,573.25
Agency Scope-p	-10.93%	-\$98,256.00
Dfcm Scope-proj	-9.19%	-\$82,609.35
Ae Omission-con	90.85%	\$816,431.10
<b>Total Changes (less Award Bid Packs):</b>		<b>\$898,612.00</b>



## Construction Change Order

Construction Change Order			
<b>Description:</b>	UVU NEW CLASSROOM BUILDING RICK JAMES FEE FOR EXTENDING THE WELL 560 FEET WITH A 16" CASING	<b>Status:</b>	CO EXECUTED
		<b>Change Order Date:</b>	Mar 7, 2016
		<b>Total Amount:</b>	\$78,880.00
		<b>New End Date:</b>	Apr 15, 2016
<b>Capital Project:</b>	12192790 (UVU NEW CLASSROOM BUILDING )		

Contractor		Original		Change	
<b>Contractor:</b>	12332C (BIG D CONSTRUCTION CORPORATION)	<b>Award:</b>	\$41,087,600.00	<b>Award:</b>	\$41,087,600.00
		<b>Change Order:</b>	\$1,771,884.98	<b>Change Order:</b>	\$1,850,764.98
		<b>Total:</b>	\$42,859,484.98	<b>Total:</b>	\$42,938,364.98
<b>Address Code:</b>	001 (404 WEST 400 SOUTH, SALT LAKE CITY, UT 84101)	<b>Start:</b>	Jun 28, 2013	<b>Start:</b>	Jun 28, 2013
<b>Contract:</b>	137871	<b>End:</b>		<b>End:</b>	Apr 15, 2016

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	COST TO EXTEND WELL 560 FEET WITH A 16" CASING.	001	CONSTRUCTION	UNK COND-CONTIN	\$78,880.00	Apr 15, 2016



# State of Utah

Division of Facilities and Construction Management

Construction Contract = 137871

## Construction Contract Summary

### 137871 - Utah Valley University | New Classroom Building | Kurt Baxter

<b>Project Title:</b>	Uvu New Classroom Building	<b>Vendor #:</b>	12332C
<b>Project #:</b>	<u>12192790</u>	Big D Construction Corporation	
<b>Program Director:</b>	Rick James (122062)	404 West 400 South	
<b>Open PO's-Prj:</b>	(0) for	Salt Lake City, Ut 84101	
<b>Contract Name:</b>	Utah Valley University   New Classroom Building   Kurt Baxter	<b>Status:</b>	Notice To Proceed
<b>Contract Type:</b>	Const New Space	<b>DO #:</b>	13082988527
<b>Component Group:</b>	Construction	<b>Retainage #:</b>	8695084
<b>Building:</b>	15840	Uvu New Classroom Building	
<hr/>			
<b>Component:</b>	Construction (8)	<b>Expense Budget:</b>	6811
<b>Account:</b>	<u>3000-300-3336-FWA-12192790</u>	Construction Dev New Spc	

### Funding Sources

Funding Source	Budget %	Appropriation	Allotment
EDFY2014	100.00	\$48,019,513.60	\$0.00
<b>Funding Totals:</b>	<b>100.00</b>	<b>\$48,019,513.60</b>	<b>\$0.00</b>

### Payment Summary

Date	Invoice #	Status	Amount
8/29/13	12192790#1	Invoice Released	\$957,338.75
9/18/13	041032	Invoice Released	\$1,795,609.63
10/28/13	041088	Invoice Released	\$1,422,789.35
11/14/13	041191	Invoice Released	\$1,587,383.50
12/11/13	041255	Invoice Released	\$1,160,585.55
1/13/14	041398	Invoice Released	\$1,550,673.60
2/10/14	041520	Invoice Released	\$1,573,093.60
3/17/14	041543	Invoice Released	\$2,420,349.58
4/10/14	041697	Invoice Released	\$2,212,785.60
5/13/14	041717	Invoice Released	\$4,336,274.80
6/17/14	041891	Invoice Released	\$3,030,504.77
7/15/14	12192790#12	Invoice Released	\$2,199,554.00
8/29/14	042115	Invoice Released	\$2,989,568.42
9/22/14	12192790 #14	Invoice Released	\$2,703,066.01
10/22/14	12192790 #15	Invoice Released	\$2,450,061.17
11/19/14	12192790#16	Invoice Released	\$3,364,521.09
1/22/15	12192790#17	Invoice Released	\$1,965,436.00
1/22/15	12192790#18	Invoice Released	\$1,682,809.18
3/12/15	12192790#19	Invoice Released	\$555,473.89
4/13/15	12192790#20	Invoice Released	\$233,181.43
6/8/15	042831	Invoice Released	\$34,343.51
6/8/15	042758	Invoice Released	\$93,708.93

### Change Order Summary

Awards		
Award Date	Number	Amount
06/20/2013	A001	\$41,087,600.00
<b>Total Award:</b>		<b>\$ 41,087,600.00</b>

### Change Orders

Date	Number	Status	Amount
10/21/13	CO 001	Co Executed	\$115,228.00
11/20/13	CO 002	Co Executed	\$69,728.11
12/31/13	CO 003	Co Executed	\$97,870.20
1/13/14	CO 004	Co Executed	\$181,977.50
3/3/14	CO 005	Co Executed	\$154,903.00
4/4/14	CO 006	Co Executed	\$22,310.32
4/21/14	CO 007	Co Executed	\$52,274.00
6/16/14	CO 008	Co Executed	\$48,294.41
7/3/14	CO 009	Co Executed	\$48,184.00
8/12/14	CO 010	Co Executed	\$76,336.11
9/17/14	CO 011	Co Executed	\$71,174.00
11/3/14	CO 012	Co Executed	\$136,969.78
1/15/15	CO 013	Co Executed	\$94,451.00
1/28/15	CO 014	Co Executed	\$58,588.00
3/11/15	CO 015	Co Executed	\$76,201.00



# State of Utah

Division of Facilities and Construction Management

Construction Contract = 137871

## Construction Contract Summary

Date	Invoice #	Status	Amount
9/23/15	043046	Invoice Released	\$18,051.43
10/7/15	043278	Invoice Released	\$131,212.86
3/15/16	137871#31	New	\$3,941.46
3/15/16	137871#30	New	\$6,518.65
3/15/16	137871#29	New	\$1,767.50
3/15/16	12192790#29	New	\$33,582.50
3/15/16	12192790#31	New	\$74,887.77
3/15/16	12192790#30	New	\$123,854.35
<b>Total Payments:</b>			<b>\$ 40,712,928.88</b>

### Retainage Summary

Date	Invoice #	Status	Amount
8/29/13	137871#1	Invoice Released	\$50,386.25
9/18/13	137871#2	Invoice Released	\$94,505.77
10/28/13	137871#3	Invoice Released	\$74,883.65
11/14/13	137871#4	Invoice Released	\$83,546.50
12/11/13	137871#5	Invoice Released	\$61,083.45
1/13/14	137871#6	Invoice Released	\$81,614.40
2/10/14	137871#7	Invoice Released	\$82,794.40
3/17/14	137871#8	Invoice Released	\$127,386.82
4/10/14	137871#9	Invoice Released	\$116,462.40
5/13/14	137871#10	Invoice Released	\$228,224.99
6/17/14	137871#11	Invoice Released	\$159,500.25
7/15/14	137871#12	Invoice Released	\$115,766.00
8/29/14	137871#13	Invoice Released	\$157,345.71
9/22/14	137871 #14	Invoice Released	\$142,266.63
10/22/14	137871 #15	Invoice Released	\$128,950.59
11/19/14	137871#16	Invoice Released	\$177,080.06
1/22/15	137871#17	Invoice Released	\$103,444.00
1/22/15	137871#18	Invoice Released	\$88,568.90
3/12/15	137871#19	Invoice Released	\$29,235.47
4/13/15	137871#20	Invoice Released	\$12,272.71
6/8/15	137871#22	Invoice Released	\$4,932.05
6/8/15	137871#23	Invoice Released	\$1,807.55
9/23/15	137871#25	Invoice Released	\$950.06
10/7/15	137871#26	Invoice Released	\$6,905.94
<b>Retainage Total:</b>			<b>\$2,129,914.55</b>

### Release Summary

Release Date	Release	Amount
4/10/15	Release # 1	\$ 615,318.94
7/16/15	Release # 2	\$ 300,000.00
10/7/15	Release # 3	\$ 14,595.61
11/2/15	Release # 4	\$ 800,000.00
	Release # 5	

### Change Orders

Date	Number	Status	Amount
5/1/15	CO 016	Co Executed	\$121,092.32
9/22/15	CO 017	Co Executed	\$215,930.23
1/21/16	CO 018	Co Executed	\$130,373.00
3/7/16	CO 019	Co Executed	\$78,880.00
<b>Change Order Total:</b>			<b>\$1,850,764.98</b>
<b>Total Amendments (Less: Award Bid Pack Changes):</b>			<b>\$1,850,764.98</b>
<b>Adjusted Contract Value:</b>			<b>\$42,938,364.98</b>

Change Order % of Original: 4.50%  
 Percentage of Contract Paid: 99.78%

Dates		Days	
From	To	Target	Lapsed
6/28/13	4/15/16	1022	1001
<b>Adjusted</b>	<b>Substantial</b>	<b>Original</b>	<b>Days</b>
4/15/16		10/31/14	490
<b>Percentage of Time Lapsed:</b>			<b>97.95%</b>

### Reasons for Change Orders

Reason	Percent	Amount
Dfcm Scope-cont	8.01%	\$148,290.00
A/e Err - Dfcm	2.41%	\$44,555.00
Ae Omission-con	10.21%	\$188,885.05
Scope - Dfcm	-12.25%	-\$226,640.22
Time Adjustment	0.00%	\$0.00
Unknown - Dfcm	12.64%	\$233,898.26
Agency Scope- A	0.98%	\$18,206.00
A/e Errors	0.37%	\$6,925.00
Agency Scope-c	1.23%	\$22,769.00
Omiss - Dfcm Cn	52.93%	\$979,631.39
Scope - Ag/inst	1.99%	\$36,880.00
Ae Error-contin	1.83%	\$33,802.00
Agency Scope-p	0.28%	\$5,130.00
Dfcm Scope-proj	5.95%	\$110,103.50
Unk Cond-contin	13.42%	\$248,330.00
<b>Total Changes (less Award Bid Packs):</b>		<b>\$1,850,764.98</b>



# State of Utah

Division of Facilities and Construction  
Management

Construction Contract = 137871

## Construction Contract Summary

### Release Summary

<u>Release Date</u>	<u>Release</u>	<u>Amount</u>
	<b>Release Total:</b>	<b>\$ 1,729,914.55</b>
	<b>Net Retainage:</b>	<b>\$ 400,000.00</b>

### Contract Summary

Adjusted Contract Value:	\$ 42,938,364.98
Paid to Contractor:	\$40,712,928.88
Retainage to Bank:	\$2,129,914.55
Total Paid:	\$42,842,843.43
<b>Contract Balance:</b>	<b>\$95,521.55</b>

### Contractor Summary

Adjusted Contract Value:	\$ 42,938,364.98
Paid to Contractor:	\$40,712,928.88
Retainage Releases:	\$1,729,914.55
Total Paid to Contractor:	\$42,442,843.43
<b>Contractor Balance:</b>	<b>\$495,521.55</b>



## Construction Change Order

Construction Change Order			
<b>Description:</b>	PROPOSAL TO CHANGE FIRE SYSTEM REQUIRED BY PLAN REVIEW TO A DRY SYSTEM WAYNE SMITH	<b>Status:</b>	CO EXECUTED
		<b>Change Order Date:</b>	Feb 29, 2016
		<b>Total Amount:</b>	\$13,190.00
		<b>New End Date:</b>	May 31, 2016
<b>Capital Project:</b>	15003520 (DWR REPLACE FLAMING GORGE BUNKHOUSE)		

Contractor		Original		Change	
<b>Contractor:</b>	111410A (MW CONSTRUCTION INC)	<b>Award:</b>	\$356,820.00	<b>Award:</b>	\$356,820.00
		<b>Change Order:</b>	\$2,726.00	<b>Change Order:</b>	\$15,916.00
		<b>Total:</b>	\$359,546.00	<b>Total:</b>	\$372,736.00
<b>Address Code:</b>	001 (P O BOX 385, PARADISE, UT 84328-0385)	<b>Start:</b>	Oct 6, 2015	<b>Start:</b>	Oct 6, 2015
<b>Contract:</b>	1675090	<b>End:</b>		<b>End:</b>	May 31, 2016

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	PROVIDE WET FIRE SUPPRESSION SYSTEM PER PLAN REVIEW CODE REQUIREMENT.	001	CONSTRUCTION	AE ERROR-CONTIN	\$13,190.00	May 31, 2016



## Construction Change Order

Construction Change Order			
<b>Description:</b>	ADDITIONAL SITE EXCAVATION AND GRADING REQUIRED BY EXISTING SOIL CONDITIONS	<b>Status:</b>	CO EXECUTED
		<b>Change Order Date:</b>	Feb 29, 2016
		<b>Total Amount:</b>	\$39,782.00
		<b>New End Date:</b>	May 31, 2016
<b>Capital Project:</b>	15003520 (DWR REPLACE FLAMING GORGE BUNKHOUSE)		

Contractor		Original		Change	
<b>Contractor:</b>	111410A (MW CONSTRUCTION INC)	<b>Award:</b>	\$356,820.00	<b>Award:</b>	\$356,820.00
		<b>Change Order:</b>	\$15,916.00	<b>Change Order:</b>	\$55,698.00
		<b>Total:</b>	\$372,736.00	<b>Total:</b>	\$412,518.00
<b>Address Code:</b>	001 (P O BOX 385, PARADISE, UT 84328-0385)	<b>Start:</b>	Oct 6, 2015	<b>Start:</b>	Oct 6, 2015
<b>Contract:</b>	1675090	<b>End:</b>		<b>End:</b>	May 31, 2016

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	ADDITIONAL EXCAVATION AND GRADING REQUIRED BY EXISTING SOIL CONDITIONS PAID FROM STATEWIDE CONTINGENCY	001	CONSTRUCTION	UNK COND-CONTIN	\$39,782.00	May 31, 2016



# State of Utah

Division of Facilities and Construction Management

Construction Contract = 1675090

## Construction Contract Summary

### 1675090 - Division Of Wildlife Resources | Dutch John Bunkhouse | Wayne

<b>Project Title:</b>	Dwr Replace Flaming Gorge Bunkhouse	<b>Vendor #:</b>	111410A
<b>Project #:</b>	<u>15003520</u>	<b>Mw Construction Inc</b>	
<b>Program Director:</b>	Wayne Smith (117803)	<b>P O Box 385</b>	
<b>Open PO's-Prj:</b>	(1) for <u>\$9,428.25</u>	<b>Paradise, Ut 84328-0385</b>	
<b>Contract Name:</b>	Division Of Wildlife Resources   Dutch John Bunkhouse   Wayne	<b>Status:</b>	Notice To Proceed
<b>Contract Type:</b>	Const New Space	<b>DO #:</b>	151112000036303
<b>Component Group:</b>	Construction	<b>Retainage #:</b>	8695492
<b>Building:</b>	05593	<b>Bunkhouse</b>	

<b>Component:</b>	Construction (8)	<b>Expense Budget:</b>	6811
<b>Account:</b>	<u>3000-300-3339-FXA-15003520</u>	<b>Construction Dev New Spc</b>	

### Funding Sources

Funding Source	Budget %	Appropriation	Allotment
GFFY2016	50.00	\$424,701.96	\$0.00
WILDLIFE RESOURCES	50.00	\$39,226.00	\$0.00
<b>Funding Totals:</b>	<b>100.00</b>	<b>\$463,927.96</b>	<b>\$0.00</b>

### Payment Summary

Date	Invoice #	Status	Amount
11/12/15	15003520#1	Invoice Released	\$39,060.20
1/11/16	15003520#2	Invoice Released	\$23,552.40
2/8/16	15003520#4	Invoice Released	\$89,463.40
2/8/16	15003520#3	Invoice Released	\$30,400.00
3/17/16	1675090#5	New	\$3,067.48
3/21/16	15003520#5	New	\$58,282.02
	<b>Total Payments:</b>		<b>\$ 243,825.50</b>

### Retainage Summary

Date	Invoice #	Status	Amount
11/12/15	1675090#1	Invoice Released	\$2,055.80
1/11/16	1675090#2	Invoice Released	\$1,239.60
2/8/16	1675090#4	Invoice Released	\$4,708.60
2/8/16	1675090#3	Invoice Released	\$1,600.00
	<b>Retainage Total:</b>		<b>\$9,604.00</b>

### Release Summary

Release Date	Release	Amount
	Release # 1	
	Release # 2	
	Release # 3	
	Release # 4	

### Change Order Summary

#### Awards

Award Date	Number	Amount
09/23/2015	A001	\$356,820.00
	<b>Total Award:</b>	<b>\$ 356,820.00</b>

#### Change Orders

Date	Number	Status	Amount
2/29/16	CO 001	Co Executed	\$2,726.00
2/29/16	CO 002	Co Executed	\$13,190.00
2/29/16	CO 003	Co Executed	\$39,782.00
	<b>Change Order Total:</b>		<b>\$55,698.00</b>
	<b>Total Amendments (Less: Award Bid Pack Changes):</b>		<b>\$55,698.00</b>
	<b>Adjusted Contract Value:</b>		<b>\$412,518.00</b>



# State of Utah

Division of Facilities and Construction Management

Construction Contract = 1675090

## Construction Contract Summary

### Release Summary

Release Date	Release	Amount
	Release # 5	
	<b>Release Total:</b>	<b>\$ 0.00</b>
	<b>Net Retainage:</b>	<b>\$ 9,604.00</b>

### Contract Summary

Adjusted Contract Value:	\$ 412,518.00
Paid to Contractor:	\$243,825.50
Retainage to Bank:	\$9,604.00
Total Paid:	\$253,429.50
<b>Contract Balance:</b>	<b>\$159,088.50</b>

### Contractor Summary

Adjusted Contract Value:	\$ 412,518.00
Paid to Contractor:	\$243,825.50
Retainage Releases:	\$ .00
Total Paid to Contractor:	\$243,825.50
<b>Contractor Balance:</b>	<b>\$168,692.50</b>

Change Order % of Original: 15.61%

Percentage of Contract Paid: 61.43%

Dates		Days	
From	To	Target	Lapsed
10/6/15	5/31/16	238	171
<b>Adjusted</b>	<b>Substantial</b>	<b>Original</b>	<b>Days</b>
5/31/16		12/31/15	

Percentage of Time Lapsed: 71.85%

### Reasons for Change Orders

Reason	Percent	Amount
Ae Error-contin	23.68%	\$13,190.00
Agency Scope- A	4.89%	\$2,726.00
Unk Cond-contin	71.42%	\$39,782.00
<b>Total Changes (less Award Bid Packs):</b>		<b>\$55,698.00</b>



## Amendment

Amendment			
<b>Description:</b>	ADDITIONAL DESIGN SERVICES TO INCLUDE A FIRE SUPPRESSION SYSTEM AND ADDITIONAL MECHANICAL SYSTEMS. INCLUDE ALSO A FLOW ANALYSIS FOR THE FIRE SUPPRESSION SYSTEM WAYNE SMITH	<b>Status:</b>	AMENDMENT EXECUTED
		<b>Amendment Date:</b>	Feb 23, 2016
		<b>Total Amount:</b>	\$3,080.00
<b>Capital Project:</b>	15003520 (DWR REPLACE FLAMING GORGE BUNKHOUSE)		

Contractor		Original Group		Change Group	
<b>Contractor:</b>	VC0000117939 (JRCA ARCHITECTS INC)	<b>Award:</b>	\$32,020.00	<b>Award:</b>	\$32,020.00
		<b>Amendment:</b>	\$3,080.00	<b>Amendment:</b>	\$3,080.00
<b>Address Code:</b>	001 (577 SOUTH 200 EAST, SALT LAKE, UT 84111)	<b>Total:</b>	\$35,100.00	<b>Total:</b>	\$35,100.00
		<b>Start:</b>	Mar 24, 2015	<b>Start:</b>	Mar 24, 2015
<b>Contract No:</b>	157189	<b>Expected End:</b>	Jul 31, 2016	<b>Expected End:</b>	Jul 31, 2016

Line Item					
Line	Description	Contract Line	Component	Reason	Line Total
001	DESIGN	001	DESIGN	CODE REQS	\$3,080.00



# State of Utah

Division of Facilities and Construction Management

Consulting Contract = 157189

## Consulting Contract Summary

### 157189 - Dnr | Flaming Gorge - Dutch John Bunk House | Brian Bales

<b>Project Title:</b>	Dnr Replace Flaming Gorge Bunkhouse	<b>Vendor #:</b>	VC0000117939
<b>Project #:</b>	<u>15003520</u>		Jrca Architects Inc
<b>Program Director:</b>	Wayne Smith (117803)		577 South 200 East
<b>Open PO's-Prj:</b>	(1) <u>\$9,428.25</u> for		Salt Lake, Ut 84111
<b>Contract Name:</b>	Dnr   Flaming Gorge - Dutch John Bunk House   Brian Bales	<b>Status:</b>	Notice To Proceed
<b>Contract Type:</b>	Design	<b>DO #:</b>	15050424767
<b>Component Group:</b>	Design	<b>Retainage #:</b>	
<b>Building:</b>	05593		Bunkhouse

<b>Component:</b>	Design (6)	<b>Expense Budget:</b>	6811
<b>Account:</b>	<u>3000-300-3339-FXA-15003520</u>		Construction Dev New Spc

<b>Component:</b>	Design (6)	<b>Expense Budget:</b>	6861
<b>Account:</b>	<u>3000-300-3339-FXA-15003520</u>		Archit/Engineering Servic

### Funding Sources

Funding Source	Budget %	Appropriation	Allotment
GFFY2016	100.00	\$424,701.96	\$0.00
<b>Funding Totals:</b>	<b>100.00</b>	<b>\$424,701.96</b>	<b>\$0.00</b>

### Payment Summary

Date	Invoice #	Status	Amount
5/4/15	15007-01	Invoice Released	\$2,801.75
6/5/15	15007-02	Invoice Released	\$8,405.25
6/29/15	15007-03	Invoice Released	\$7,684.80
8/24/15	15007-04	Invoice Released	\$4,482.80
9/17/15	15007-05	Invoice Released	\$2,586.40
12/15/15	15007-06	Invoice Released	\$2,199.32
3/23/16	15007-07	New	\$5,541.77
	<b>Total Payments:</b>		<b>\$ 33,702.09</b>

### Retainage Summary

Date	Invoice #	Status	Amount
	<b>Retainage Total:</b>		

### Release Summary

Release Date	Release	Amount
	Release # 1	
	Release # 2	
	Release # 3	
	Release # 4	

### Amendment Summary

#### Awards

Award Date	Number	Amount
03/02/2015	A001	\$32,020.00
	<b>Total Award:</b>	<b>\$ 32,020.00</b>

#### Amendments

Date	Number	Status	Amount
2/23/16	AMD 001	Amendment Executed	\$3,080.00
	<b>Amendment Total:</b>		<b>\$3,080.00</b>
	Total Amendments Less: (AC) Changes:		\$3,080.00
	<b>Adjusted Contract Value:</b>		<b>\$35,100.00</b>

Amendment % of Original:	9.62%
Percentage of Contract Paid:	96.02%

Dates		Days	
From	To	Target	Lapsed
3/24/15	7/31/16	495	367
<b>Adjusted</b>	<b>Substantial</b>	<b>Original</b>	<b>Days</b>
7/31/16		11/10/15	
	<b>Percentage of Time Lapsed:</b>		<b>74.14%</b>



# State of Utah

Division of Facilities and Construction Management

Consulting Contract = 157189

## Consulting Contract Summary

### Release Summary

Release Date	Release	Amount
	Release # 5	
	<b>Release Total:</b>	<b>\$ 0.00</b>
	<b>Net Retainage:</b>	<b>\$ 0.00</b>

### Reasons for Amendments

Reason	Percent	Amount
Code Reqs	100.00%	\$3,080.00
<b>Total Changes (less 'AC' Award Bid Packs):</b>		<b>\$3,080.00</b>

### Contract Summary

Adjusted Contract Value:	\$ 35,100.00
Paid to Consultant:	\$33,702.09
Retainage to Bank:	\$ .00
Total Paid:	\$33,702.09
<b>Contract Balance:</b>	<b>\$1,397.91</b>

### Consultant Summary

Adjusted Contract Value:	\$ 35,100.00
Paid to Consultant:	\$33,702.09
Retainage Releases:	\$ .00
Total Paid to Contractor:	\$33,702.09
<b>Consultant Balance:</b>	<b>\$1,397.91</b>



## Construction Change Order

Construction Change Order			
<b>Description:</b>	TIM K PARKINSON MSS	<b>Status:</b>	CO EXECUTED
		<b>Change Order Date:</b>	Feb 29, 2016
		<b>Total Amount:</b>	\$35,289.90
		<b>New End Date:</b>	May 30, 2016
<b>Capital Project:</b>	14091310 (OGDEN REGIONAL CENTER REPLACE HVAC R COMPONENTS)		

Contractor		Original		Change	
<b>Contractor:</b>	26566J (MECHANICAL SERVICE & SYSTEMS INC)	<b>Award:</b>	\$1,236,225.00	<b>Award:</b>	\$1,236,225.00
		<b>Change Order:</b>	\$38,641.77	<b>Change Order:</b>	\$73,931.67
		<b>Total:</b>	\$1,274,866.77	<b>Total:</b>	\$1,310,156.67
<b>Address Code:</b>	001 (1055 SOUTH 700 WEST, SALT LAKE CITY, UT 84104)	<b>Start:</b>	Aug 26, 2015	<b>Start:</b>	Aug 26, 2015
<b>Contract:</b>	157412	<b>End:</b>		<b>End:</b>	May 30, 2016

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	PR 3 ELECTRICAL PERIMETER HEAT CONVERT PNEUMATIC TO ELECTRONIC	001	CONSTRUCTION	DFCM SCOPE-CONT	\$7,734.90	May 30, 2016
002	PR 4 REPLACE ROOF DRAIN LINE LEAKING AND CRACKED TO INCLUDE NEW INSULATION	001	CONSTRUCTION	UNK COND-CONTIN	\$27,555.00	May 30, 2016



# State of Utah

Division of Facilities and Construction Management

Construction Contract = 157412

## Construction Contract Summary

### 157412 - Dfcm | Ogden Regional Center Hvac Upgrades | Tim K Parkinson

<b>Project Title:</b>	Ogden Regional Center Replace Hvac R Components	<b>Vendor #:</b>	26566J
<b>Project #:</b>	14091310	Mechanical Service & Systems Inc	
<b>Program Director:</b>	Tim Parkinson (104577)	1055 South 700 West	
<b>Open PO's-Prj:</b>	(1) for \$6,920.00	Salt Lake City, Ut 84104	
<b>Contract Name:</b>	Dfcm   Ogden Regional Center Hvac Upgrades   Tim K Parkinson	<b>Status:</b>	Notice To Proceed
<b>Contract Type:</b>	Const Remodel	<b>DO #:</b>	150918000033541
<b>Component Group:</b>	Construction	<b>Retainage #:</b>	8695474
<b>Building:</b>	04916	Ogden Regional Center	
<hr/>			
<b>Component:</b>	Construction (8)	<b>Expense Budget:</b>	6400
<b>Account:</b>	3000-300-3338-FXA-14091310	Remodel & Improve Curemnt Expense	

### Funding Sources

Funding Source	Budget %	Appropriation	Allotment
GFFY2015	100.00	\$1,366,587.00	\$0.00
<b>Funding Totals:</b>	<b>100.00</b>	<b>\$1,366,587.00</b>	<b>\$0.00</b>

### Payment Summary

Date	Invoice #	Status	Amount
9/21/15	10222	Invoice Released	\$16,338.12
10/19/15	14091310#2	Invoice Released	\$429,241.31
11/5/15	14091310#3	Invoice Released	\$198,682.27
1/6/16	14091310#4	Invoice Released	\$215,023.00
1/8/16	14091310#5	Invoice Released	\$246,423.53
1/27/16	14091310#6	Invoice Released	\$24,514.03
<b>Total Payments:</b>			<b>\$ 1,130,222.26</b>

### Retainage Summary

Date	Invoice #	Status	Amount
9/21/15	157412#1	Invoice Released	\$859.90
10/19/15	157412#2	Invoice Released	\$22,591.64
11/5/15	157412#3	Invoice Released	\$10,456.97
1/6/16	157412#4	Invoice Released	\$11,317.00
1/8/16	157412#5	Invoice Released	\$12,969.67
1/27/16	157412#6	Invoice Released	\$1,290.22
<b>Retainage Total:</b>			<b>\$59,485.40</b>

### Release Summary

Release Date	Release	Amount
	Release # 1	
	Release # 2	
	Release # 3	

### Change Order Summary

#### Awards

Award Date	Number	Amount
06/26/2015	A001	\$1,236,225.00
<b>Total Award:</b>		<b>\$ 1,236,225.00</b>

#### Change Orders

Date	Number	Status	Amount
12/9/15	CO 001	Co Executed	\$38,641.77
2/29/16	CO 002	Co Executed	\$35,289.90

**Change Order Total:** \$73,931.67

**Total Amendments (Less: Award Bid Pack Changes):** \$73,931.67

**Adjusted Contract Value:** \$1,310,156.67

Change Order % of Original: 5.98%

Percentage of Contract Paid: 90.81%

Dates		Days	
From	To	Target	Lapsed

8/26/15 5/30/16 278 212

**Adjusted Substantial Original Days**

5/30/16 12/20/15

**Percentage of Time Lapsed:** 76.26%



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

## REPORT OF PROJECT RESERVE FUNDS ACTIVITY

			Apr-16			% of
PROJ #	DEPT	PROJECT TITLE	STATE FUNDS- DEVELOPMENT	STATE FUNDS- IMPROVEMENT	DOT FUNDS	Constr.
						Budget
<b><u>BEGINNING BALANCE</u></b>			<b><u>1,793,216.48</u></b>	<b><u>5,828,791.81</u></b>	<b><u>968,481.36</u></b>	
<b><u>INCREASES TO PROJECT RESERVE FUND:</u></b>						
11077810	WSU	Davis Campus Classroom Bldg	1,028,251.29			Project Residual 3%
11065420	DHS	USH - New Medical Services Bldg	194,011.00			Project Residual 1%
13103700	SNOW	Campus Irrigation System		153,884.25		Construction, Design, Inspection & Insurance Budgets 17%
15135430	DHS	JJS - Decker Lake Fire Alarm & Telephone/Data Replacement		90,000.00		Project Residual 48%
14136420	DHS	USH - Boiler Plant Condensate Tank & Pumps Emergency Replacement		55,489.76		Construction, Design, Inspection & Insurance Budgets 28%
14097790	UVU	Business Bldg, Science Bldg AHU Replacements		45,502.48		Design, Inspection, & Insurance Budgets 9%
15180900	UDOT	Delta Shed Floor Drain		31,543.00		Construction, Design, Inspection & Insurance Budgets 53%
15009670	SLCC	SCC - Main Bldg Restroom Remodel		29,241.06		Construction, Design, Inspection & Insurance Budgets 5%
14048670	SLCC	SCC - Brick & Masonry Parapet Walls		27,580.75		Construction, Inspection, & Insurance Budgets 2%
14191430	DHS	JJS - Youth Centers Control Boards		26,883.43		Construction, Inspection, & Insurance Budgets 6%
13205220	DATC	Air Handler Units		12,988.08		Construction, Inspection, & Insurance Budgets 1%
13236640	DIXIE	New Boiler		10,291.71		Design, Inspection, & Insurance Budgets 1%
14066210	BATC	West Campus HVAC Replacement		9,980.33		Construction, Inspection, & Insurance Budgets 2%
15029370	Fairpark	West & North Exterior Fencing		9,322.30		Construction, Inspection, & Insurance Budgets 3%
14069110	UDC	CUCF - Cameras At Visiting, UCI, & Medical Areas		5,789.13		Construction, Inspection, & Insurance Budgets 3%
13309900	UDOT	Rampton VAV Boxes & Controls		5,723.30		Design, Inspection, & Insurance Budgets 1%
15068550	DPS	DLD/DMV Bldg Automation		100.00		Inspection & Insurance Budgets 0%
14052660	SLCC	RRC - LAC AHU1/VFD Replacement		46.00		Project Residual 0%
<b><u>DECREASES TO PROJECT RESERVE FUND:</u></b>						
15278430	DHS	JJS - Wasatch Ctr Security & Intercom Replacement		(90,000.00)		To Award Construction Contract 15%
15220310	TAX	Chiller, Cooling Tower, Pump Replacement		(36,488.00)		To Award Construction Contract 6%
14202470	UNG	West Jordan Armory HVAC & Electrical Upgrades		(33,115.38)		Return Funds For Required Construction Costs 2%
14272150	DHS	JJS - WV Probation Office Boiler Replacement		(100.00)		Return Funds For Final Costs 0%
13169290	DXATC	Old Airport Terminal Remodel		(32.50)		Return Funds For Required Inspection 0%
<b><u>ENDING BALANCE</u></b>			<b><u>3,015,478.77</u></b>	<b><u>6,183,421.51</u></b>	<b><u>968,481.36</u></b>	

NOTE: Project Reserve Fund Will Be Reduced FY2017 By \$1,225,000.00 Per HB#2 Item #58



## 12 MONTH PROJECT RESERVE FUNDS ACTIVITY

DEPT	STATE FUNDS-	STATE FUNDS-	DEVELOPMENT	IMPROVEMENT	DOT FUNDS
<b><u>INCREASES TO PROJECT RESERVE FUND:</u></b>					
ABC Total	-	78,508.30	-	-	-
Agriculture Total	-	20,521.73	-	-	-
Archives Total	-	893.00	-	-	-
BATC Total	-	15,036.96	-	-	-
Corrections Total	-	21,993.56	-	-	-
Courts Total	-	126,622.44	-	-	-
CPB Total	-	37,855.11	-	-	-
DAS Total	-	10,847.00	-	-	-
DATC Total	-	16,846.03	-	-	-
DFCM Total	-	431,449.13	-	-	-
DHA Total	-	2,769.82	-	-	-
DHS Total	194,011.00	315,545.17	-	-	-
DIXIE Total	-	41,701.60	-	-	-
DNR Total	-	135,431.95	-	-	-
DPS Total	-	34,009.40	-	-	-
DVA Total	-	31.00	-	-	-
DWS Total	-	188,639.18	-	-	-
DXATC Total	-	10,640.70	-	-	-
Education Total	-	33,854.90	-	-	-
Fairpark Total	-	156,902.06	-	-	-
Health Total	-	169,926.83	-	-	-
OWATC Total	-	72,989.85	-	-	-
Parks Total	-	62,939.10	-	-	-
SLCC Total	-	147,503.01	-	-	-
SNOW Total	-	199,650.46	-	-	-
SUU Total	-	117,747.03	-	-	-
TATC Total	-	37.95	-	-	-
TAX Total	-	23,132.80	-	-	-
U of U Total	-	14,672.00	-	-	-
UBATC Total	-	1,536.00	-	-	-
UDC Total	-	42,567.91	-	-	-
UDOT Total	-	155,800.85	-	-	-
UNG Total	15,638.06	23,270.17	-	-	-
UVU Total	-	159,174.58	-	-	-
WSU Total	1,028,251.29	133,934.16	-	-	-



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Apr-16

## 12 MONTH PROJECT RESERVE FUNDS ACTIVITY

DEPT	STATE FUNDS- DEVELOPMENT	STATE FUNDS- IMPROVEMENT	DOT FUNDS
<u>DECREASES TO PROJECT RESERVE FUND:</u>			
ABC Total	-	(8,679.00)	-
Agriculture Total	-	(220,676.00)	-
BATC Total	-	(23,576.00)	-
Courts Total	-	(39,954.35)	-
CPB Total	-	(25,532.00)	-
DATC Total	-	(31,086.50)	-
DFCM Total	-	(18,947.03)	-
DHS Total	-	(90,190.00)	-
DIXIE Total	-	(23,263.05)	-
DNR Total	-	(181,320.65)	-
DPS Total	-	(27,632.00)	-
DTS Total	-	(29,677.00)	-
DVA Total	-	(3,952.40)	-
DWS Total	-	(20,809.58)	-
DXATC Total	-	(132.50)	-
Education Total	-	(26,370.00)	-
SLCC Total	-	(61,506.00)	-
SNOW Total	-	(17,739.00)	-
SUU Total	-	(56,357.96)	-
TAX Total	-	(36,488.00)	-
UDC Total	-	(43,439.00)	-
UNG Total	-	(33,115.38)	-