

**AGENDA OF THE
UTAH STATE BUILDING BOARD
BUSINESS MEETING**

**Wednesday, December 7, 2016
Utah State Capitol Building, Room 250
Salt Lake City, Utah
9:00 am**

- (Action) 1. **Approval of Minutes for November 2, 2016 Board Meeting..... Tab 1**
- (Action) 2. **Approval of the 2017 Building Board Meeting Schedule..... Tab 2**
- (Action) 3. **Salt Lake Community College: Additional Information for Jordan Campus Student Center Project (Non-State Funded)..... Tab 3**
- (Action) 4. **Southern Utah University: Approval for Updated 2016 Master Plan Tab 4**
- (Action) 5. **Utah State University: Approval for Design and Construction of a Dairy Barn (Non-State Funded) Tab 5**
- (Action) 6. **DABC: Approval for Design and Construction of Riverton-Herriman Market Area Liquor Store (Non-State Funded)..... Tab 6**
- (Action) 7. **DABC: Approval for Design and Construction of Farmington Market Area Liquor Store (Non-State Funded)..... Tab 7**
- (Action) 8. **DFCM: Utah State University State Facility Energy Efficiency Fund Loan Application..... Tab 8**
- (Information) 9. **Utah State Fairpark: Updates on Demolition and Rodeo Arena/Stadium Project Tab 9**
- (Information) 10. **Administrative Report for the University of Utah and Utah State University... Tab 10**
- (Information) 11. **Administrative Report for UDOT Tab 11**
- (Information) 12. **Administrative Report for DFCM..... Tab 12**
- 13. **Future Agenda Items**

Notice of Special Accommodation During Public Meetings - In compliance with the Americans with Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during this meeting should notify Patty Yacks 538-3010 (TDD 538-3696) at least three days prior to the meeting. *This information and all other Utah State Building Board information is available on DFCM web site at:*
<http://dfcm.utah.gov/dfcm/utah-state-building-board.html>



Gary R. Herbert
Governor

Utah State Building Board

3120 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3010
Fax (801) 538-3844

MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 2016
Subject: **Approval of Minutes for the November 2, 2016 Building Board Meeting**

Recommendation

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

JLR: cn
Attachments: Minutes

Utah State Building Board



MEETING

November 2, 2016

MINUTES

Members in Attendance:

Ned Carnahan, Chair
David Tanner
David Fitzsimmons
Fred Hunsaker
Bob Fitch
Chip Nelson
Gordon Snow

Guests in Attendance:

Jeff Reddoor	Utah State Building Board
Patricia Yacks	Department of Administrative Services
Eric Tholen	Division of Facilities Construction & Management
Bruce Whittington	Division of Facilities Construction & Management
Jim Russell	Division of Facilities Construction & Management
Cee Cee Niederhauser	Division of Facilities Construction & Management
Alan Bachman	Attorney General's Office
Debbie Kurzban	Attorney General's Office
Simone Rudas	Attorney General's Office
Rich Amon	USHE
Fran Pruyn	CRSA
Sid Pawar	AJC Architects
Joe Prudden	EDA Architects
Jim Nelson	Axis Architects
Jennifer Evans	Department of Human Services
Sherry Ruesch	Dixie State University
Richard Williams	Dixie State University
Paul Morris	Dixie State University
Eric Dunn	Dunn Associates
Jim Lohse	FFKR Architects
Kayla Farr	FFKR Architects
Jodi Geroux	FFKR Architects
Tracy Neale	GSBS Architects

Jeff Palmer	Layton Construction
Heather Knighton	MHTN Architects
Julee Attig	Reaveley Engineers
Malin Francis	Salt Lake Community College
Bob Askerlund	Salt Lake Community College
Dennis Klaus	Salt Lake Community College
Charles Lepper	Salt Lake Community College
Deneece Huftalin	Salt Lake Community College
Tim Sheehan	Salt Lake Community College
Tiger Funk	Southern Utah University
Tiffany Woods	Spectrum Engineers
Perry Hacker	University of Utah
Jerry Basford	University of Utah
Ken Nye	University of Utah
Jason Perry	University of Utah
Jerry Jensen	Utah Department of Corrections
Col. Tyler Smith	Utah National Guard
Larry Mullenax	Utah State Fairpark
Ben Berrett	Utah State University
Lori Haglund	Van Boerum & Frank
Derek Payne	VCBO Architects

On Wednesday, November 2, 2016, the Utah State Building Board held a regularly scheduled meeting in Room 250 of the Utah State Capitol Building, Salt Lake City, Utah. The meeting was called to order at 9:00 am.

☐ APPROVAL OF MINUTES OF FROM SEPTEMBER 7, 2016, OCOTBER 5, 2016 AND OCTOBER 6, 2016

Chair Carnahan asked for comments or corrections to the minutes.

- Mr. Fitzsimmons called for a correction to page 7, paragraph 3 of the September 7, 2016 Minutes. The minutes state “tighter disciplinary actions are needed” to be changed to “tighter estimating practices are needed”
- Mr. Nelson was the recommending vote for DWR’s Recirculation Aquaculture System Project on Page 3, Paragraph 1
- Mr. Nelson was the recommending vote for DJJS’s Salt Lake Multi-Use Youth Center Project on Page 5, Paragraph 2

MOTION: Mr. Hunsaker moved to approve the minutes from September 7, 2016 meeting with the corrections as noted above. The motion was second by Mr. Fitzsimmons and passed unanimously.

Mr. Tanner moved to approve the minutes from the October 5, 2016 and October 6, 2016 meetings. The motion was seconded by Mr. Snow and passed unanimously.

☐ REQUEST FOR APPROVAL OF DESIGN AND CONSTRUCTION OF THE LEGEND SOLAR STADIUM FOR DIXIE STATE UNIVERSITY

President Williams along with Paul Morris, VP and Sherry Ruesch, Director for Facilities reviewed

a presentation on the needs to have an updated stadium for sporting events. The Legend Solar Stadium project will be divided into two phases. The first phase, titled the East Side Grand Stand, will focus on improving the visitor's side of the stadium by adding locker rooms, bathrooms, concessions, sidewalks, and shading to the bleachers. The cost estimate for this phase is \$8.6M, which will be paid for through a bond of \$4.7M (part of the \$10M donation from Legend Solar), a \$1.5M donation from Washington County, and \$2.4M in institutional funds. O&M costs will be paid for with revenue from ticket sales, facility rentals, and concessions. The second phase will focus on completing the west side of the stadium. This phase is in the preliminary stages and funding is still being acquired.

Mr. Reddoor reminded the Board of the 3 criteria that classifies a project as non-state funded. The first criteria being that the agency/institution must give adequate assurance that no state funds are being requested for the design and construction of the facility. The second is that a revenue stream must be in place to fund O&M costs prior to the completion of the project. The final criteria is that the project is appropriate with the agency's/institutions master plan.

Mr. Snow requested additional details on the commitment of \$5M in solar savings. He would also like a time estimate on the second phase of this project and if payback is required for the Washington County donation.

Legend Solar has committed \$5M that will be distributed over 20 years in quarterly payments. The remaining \$5M will come from energy savings acquired from installing a solar power grid to the roof over the next 25 years. A combination of the two will be used to make bond payments for the project. Legend Solar has outlined in their contract with DSU that repair and replacement will be covered by Legend Solar. Fundraising for second phase is still in the preliminary stages, DSU projects that the second phase of the project will have an estimated cost of \$13-15M. DSU is exploring donation opportunities, such as naming rights to buildings and club house memberships. There is no payback required for the Washington County donation.

MOTION: Mr. Tanner moved to approve to design and construction for the Legend Solar East Grand Stand. The motion was seconded by Mr. Hunsaker and passed unanimously.

□ REQUEST FOR APPROVAL OF DESIGN AND CONSTRUCTION OF THE JORDAN CAMPUS STUDENT CENTER FOR SALT LAKE COMMUNITY COLLEGE

President Huftalin along with Chuck Lepper, VP of Student Affairs and Dennis Klaus, VP of Business Services reviewed a presentation for the need of a student center at SLCC's Jordan Campus. This campus is considered one of the three full service campuses for SLCC and offers a greater breadth of student services. The Jordan campus is 120 acres and has approximately 4,000 students. This campus also houses the health science program for SLCC. The goal is to centralize student services, which SLCC has successfully done at their Taylorsville campus. Funding for the new facility will be acquired through a bond paid with revenues from student fees. The SLCC executive cabinet, which is composed of students, has expressed interest for this project and voted in favor of using student fees to fund this project. SLCC is also exploring the option of purchasing an existing building adjacent to the Jordan campus as opposed to building new. The purchase price for the existing building \$18M and will require extensive renovations. The estimated cost for renovations is approximately an additional \$20M.

Mr. Reddoor stated that the Board should focus on the original request that SLCC presented, which was to build a new facility on their campus.

Mr. Nelson is interested in the percentage of services that will be dedicated to academic support, as this could qualify the project to be funded using state dollars. Mr. Nelson would like to see a cost comparison of building a new facility on the campus versus purchasing the adjacent property and renovating. Mr. Snow requested further explanation as to the need of a student center at the Jordan Campus, specifically in regards to close proximity of the student center offered at the Taylorsville Campus, which is approximately 20 minutes from the Jordan Campus via bus shuttle.

MOTION: Mr. Snow moved to table this request until the December Board meeting. The motion was second by Mr. Nelson and passed unanimously.

❑ REQUEST FOR APPROVAL OF DESIGN AND CONSTRUCTION OF THE UNIVERSITY GUESTHOUSE EXPANSION FOR THE UNIVERISTY OF UTAH

Ken Nye, Director of Facilities along with Jerry Basford, Associate VP and Perry Hacker, Director of the University Guesthouse reviewed a presentation on the needs to expand the current guesthouse. The project would be funded through a \$8.25M bond paid for with revenues from the guesthouse. In 2012 the guesthouse went under an explanation, which added 45 beds, raising the total to 180 beds. As the hospital grows, so does the need for patient lodging. This expansion would add an additional 30-35 rooms with a portion of the rooms having kitchens for long term stays and meet ADA accessibility requirements. The parking lot will also be renovated to accommodate approximately 25 additional parking spaces

Mr. Nelson inquired about other nearby hotels. Mr. Hacker stated that there is a Marriott near the campus, which the guesthouse has a close relationship with, however the Marriott is located off campus. Patrons of the guesthouse are able to take a shuttle to the hospital. The Marriott's hospital rates fluctuate depending on demand and are limited to a number of rooms daily. The guesthouse does not change their hospital rates and they are applicable to any available room.

Mr. Fitch inquired on the occupancy rate over the past year. Mr. Hacker stated that on average occupancy is approximately 74%. However, last month occupancy was at 100% nearly every day and that there is certainly an occupancy need to expand the property. Mr. Fitch also requested information on the profitability of the guesthouse. Mr. Hacker stated that the guesthouse has certainly been a profitable operation over the past 17 years and that excess revenue has been used to help lower student housing fees. The guesthouse is able to operate on its own and no requests for funding from the University of Utah have been made.

MOTION: Mr. Hunsaker moved to approve the design and construction of the University Guesthouse. The motion was seconded by Mr. Fitzsimmons and Mr. Nelson and passed unanimously.

❑ UTAH STATE UNIVERSITY: FUNDING CERTIFICATION FOR INTERLOCKING CROSS-LAMINATED TIMBERS BUILDING

Ben Barrett from the Utah State University presented a funding certification letter from President

Albrecht stating that funds are in place for the design phase of this project. The letter also states that no funds for construction, O&M, or capital improvements will be requested from the State. USU has committed not to move forward with the construction phase of this project until all funds for the project are in place.

MOTION: Mr. Hunsaker moved to approve the design of the Interlocking Cross-Laminated Timbers Building The motion was seconded by Mr. Tanner and passed unanimously.

☐ AMENDMENTS TO RULE 23-3 PLANNING, PROGRAMMING REQUESTS FOR CAPITAL DEVELOPMENT PROJECTS AND OPERATION AND MAINTENANCE REPORTING FOR STATE OWNED FACILITIES

Mr. Reddoor recommends that the Board approve the amendments to R23-3. The majority of the amendments focus on O&M expenditure reporting, which is a result of SB 156 that passed in the 2016 Legislative Session.

Additional amendments are being considered and will be brought forward at a later time. R23-3 is amended to state that the deadline for reporting is October, however considerations are still being made as to whether this is the best timeframe. Phased funding and how programing is incorporated is also still under consideration.

MOTION: Mr. Tanner moved to approve the Amendments to Rule 23-3 with the intent that they go into effect if no comments are received during the 30-day period. The motion was seconded by Mr. Fitch and passed unanimously.

☐ AMENDMENTS TO DFCM RULE 23-30 STATE FACILITY ENERGY EFFICIENCY FUND

Mr. Reddoor recommends the Board approve the amendments to R23-30 which provides the procedures for managing the State Facilities Energy Fund and implementing the associated revolving loan program. The amendments to R23-30 require a method for monitoring actual savings from energy efficiency measures. In addition, DFCM is required to submit annual reports to the Governmental Operational Interim Committee of the Legislature and some rule language was clarified.

MOTION: Mr. Hunsaker moved to approve the Amendments to Rule 23-30 with the intent that they go into effect if no comments are received during the 30-day period. The motion was seconded by Mr. Fitzsimmons and passed unanimously

☐ FIVE-YEAR REVIEW OF RULE 23-32 RULES OF PROCEDURE FOR CONDUCT OF UTAH STATE BUILDING BOARD MEETINGS

Mr. Bachman advised that there are no recommended changes to R23-32. No comments or concerns have been received over the past five years. Mr. Bachman recommends that a 5-Year Review Notice be filed for R23-32.

Mr. Snow expressed concern with R23-32-4 Composition of the Board. Building Board policy was changed to remove the DFCM Director from the Board. However, that change was not reflected in statute. Mr. Snow believes it is beneficial to have the DFCM Director serve as a member of

the Building Board. Mr. Reddoor provided a brief explanation that the intent of the separation was to allow the DFCM Director to focus on the design and construction aspect of projects and less on the political aspect.

Mr. Bachman suggested the review notice be filed at this time. Specific concerns with R23-32 will be addressed with the new DAS Executive Director, after one has been appointed. The Board will revisit this in an upcoming meeting.

MOTION: Mr. Tanner moved to file a 5-Year Review Notice for Rule 23-32. The motion was seconded by Mr. Nelson and passed unanimously.

❑ ADMINISTRATIVE REPORT FOR UNIVERSITY OF UTAH AND UTAH STATE UNIVERSITY

Ken Nye reviewed the Administrative Report for the University of Utah. Mr. Nye reported that there were 34 Professional Services Agreements were awarded.

- Project 21468; Orson Spencer Hall Replacement Project. This building has been renamed to the Carolyn and Kem Gardner Building. Groundbreaking for the project occurred last week. The CM/GC contract was issued for pre-construction services only. The balance of the construction costs will be added by change order.
- Project 21642; HTW Pipeline Replacement Final Phase. This transfer of \$157,724 covers the amount (2.34%) by which the construction bid exceeded the construction budget for this FY16 capital improvement project.

There were two transfers into the Project Reserve Fund, totaling approximately \$7,600. Decreases to the fund include \$157,724 from Project 21642; HTW Pipeline Replacement Final Phase (as stated above).

There is an increase of \$1.7M into the Contingency Reserve Fund. A decrease to the fund for Project 21552; Art & Architecture Fume Hood & Fire Protection Upgrade. The decrease of \$10,218 covers the cost of relocating a new VFD from its designed location to address fit and noise considerations.

Chair Carnahan inquired if the Board had any questions on the Administrative Report for the University of Utah. No questions were brought forward.

Ben Berrett reviewed the Administrative Report for Utah State University. Mr. Berrett reported that 6 professional contracts and 18 construction contracts were issued.

- Roosevelt Education Center – Old Café will be converted into a student lounge and reception center

There is an increase to the Contingency Reserve Fund in to amount of approximately \$169,000 for the USUE Geary Theatre Upgrade. A decrease to the fund for change orders to the North Core Utilities Replace and Tunnel Expansion in the amount of approximately \$41,000.

There were no decreases to the Project Reserve Fund and one increase in the amount of \$1,925 to close the NFS Mechanical System Project.

Chair Carnahan inquired if the Board had any questions on the Administrative Report for the Utah State University. No questions were brought forward.

❑ ADMINISTRATIVE REPORT FOR DFCM

Eric Tholen, DFCM Director presented the Administrative Report. The report is from August 15, 2016 to October 15, 2016. It is typical to see a spike in oncoming projects during this time. 51 Professional Services Agreements were issued. In addition, 59 Construction Contracts were issued.

Notable contracts:

- Item 1, Fairpark Days of 47 Rodeo Arena and Item 42, USU Life Science Building are both CM/GC agreements. The initial award amount of these contracts are low and the balance of the construction costs will be added by future change orders.
- Item 19, Browns Park Field House Reroof and Item 21, Fairpark Showring Building Roof Replacement. These project came in higher than the budgeted amount. Additional unallocated roofing funds were used for the award.
- Item 33, Rio Grande Bldg. Window and Door Renovations. Construction costs came in over budget and were covered using project reserve funds. Item 44, DOT Station 2425 Replace Plumbing/Paving. Additional unallocated paving funds used for award.

Capital Development started period with \$6,262,338 and ended with \$8,396,376, with 5 transfers to projects totaling \$344,409 and 5 transfers to the fund for \$2,478,448.

Decreases include:

- U of U Infrastructure Improvements: Transfer of \$105,285 covers the State's share of change order #22
- Salt Lake Schools for the Deaf and Blind New Building: Transfer of \$71,095 to cover change order #12

Capital Improvement started period with \$4,811,162 and ended with \$6,980,203, with multiple transfers to projects totaling 287,171 and multiple budgeted contingency transfers of \$2,456,212 to the fund.

Decreases include:

- Snow College South Washburn Bldg. Exterior Fenestration Window: Transfer of \$43,155 to cover change orders #1 and #2
- DOT Richmond Station Replace Water Line: Transfer of \$29,493 covers change order #3

Development project reserve fund had one transfer to project for \$132, ending balance of \$2,865,347 and Improvement project reserve fund had one transfer to the fund of \$7,097 and 4 transfers out totaling \$40,724, ending balance of \$4,737,474.

❑ FUTURE AGENDA ITEMS

The Board will revisit R23-32 Rules of Procedure for Conduct of Utah State Building Board Meetings. The 2017 Building Board Meeting Schedule will be presented in December's meeting.

☐ ADJOURNMENT

MOTION: Mr. Tanner moved to adjourn the meeting. The motion was second by Mr. Nelson and passed unanimously.

The meeting adjourned at 11:19 am.



Gary R. Herbert
Governor

Utah State Building Board

3120 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3010
Fax (801) 538-3844

MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 2016
Subject: **2017 Building Board Meeting Schedule**

The following is the 2016 meeting schedule for the Utah State Building Board. The meetings will begin at 9:00 a.m. unless specified different on the agenda.

Building Board Meetings	Location
Wednesday, January 11, 2017	250 State Capitol Building
Wednesday, February 1, 2017	Library for the Blind and Disabled Room 218
Wednesday, March 1, 2017	Library for the Blind and Disabled Room 218
Wednesday, April 5, 2017	250 State Capitol Building
Wednesday, May 3, 2017	250 State Capitol Building
Wednesday, June 7, 2017	250 State Capitol Building
Wednesday, July 12, 2017	250 State Capitol Building
Capital Development Tour August 16 - 17, 2017	Southern and Central Utah Areas
Wednesday, September 6, 2017	250 State Capitol Building
Capital Development Hearing October 4, 2017 8:30 AM	W030 West Building
October 5, 2017	4112 State Office Bldg.
November 1, 2017	250 State Capitol Building
December 6, 2017	250 State Capitol Building



Gary R. Herbert
Governor

Utah State Building Board

3120 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3010
Fax (801) 538-3844

MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 2016
Subject: **Salt Lake Community College: Additional Information for Jordan Campus Student Center Project (Non-State Funded)**
Presenter: President Huftalin, Salt Lake Community College

Recommendation

Jeff Reddoor recommends the Building Board approve Salt Lake Community College's Jordan Campus Student Center Project, a Non-State Funded Project.

Background

Currently, the Student Affairs functions on the Jordan Campus are housed within the High Tech Center. Those services include the following: Admissions; Financial Aid; Academic Advising; Registrar; Testing Center; Disability Resource Center; and the Office of the South Region Student Services Director. Additional student services are provided in the Student Pavilion, which includes the Office of Student Life and Leadership and the Center for Health and Counseling. Space in the High Tech Center and the Student Pavilion is limited and does not allow for additional staffing to meet the needs of students on the campus. As the College continues to focus on student success, persistence, and completion, additional space is needed to support expanded services and intrusive academic advising. Also, due to the space limitations in the Student Pavilion campus-wide student events are not possible nor is there any space available for recreation or fitness, both which are high demand requests from our student population.

To meet the rapidly growing needs of this campus, SLCC is requesting a 80,000 sqft building to house student affairs in one location. The estimated cost for the project is \$37,040,089 which will be funded from a building bond supported through student fee dollars. No State funded O&M is being requested for this project. O&M will also be paid out the funds collected from the student fee bond.

Suggested Capital Development Request 2017-2022

Prepared November 29, 2016

Salt Lake Community College Five-Year Plan Summary

Prepared by Malin Francis, Director, Planning & Design

The list that follows is Capital Projects suggested for inclusion on the College's First-Priority and Five-Year Capital Project Request list that must be submitted to the Division of Facilities Construction and Management and to the State Board of Regents this spring. All of these projects are consistent with the College's Comprehensive Facilities Master Plan as revised and approved in 2015.

State Funded Capital Project Requests

Project #1 – The Herriman Campus General Education Classroom Building
80,000 square feet - \$47,203,039

Project #2 – Taylorsville/Redwood Campus Applied Technology Center Building
Use to be discussed

Project #3 – Taylorsville/Redwood Campus Business Building Classroom & Study Space
Expansion with Renovation of existing space
120,000 square feet - \$36,000,000

Project #4 – Taylorsville/Redwood Campus Remodel and Modernize the Technology Building
Infrastructure (no new added space)
- \$20,000,000

Project #5 – Taylorsville Redwood Campus Science & Industry Building Classroom Addition
90,000 square feet - \$27,000,000

Non-State Funded Capital Project Requests

Project #1 – Jordan Campus Student Center

100,000 square feet \$32,000,000

Project #2 – Taylorsville Redwood Campus Community Center / Alumni House 10,000
square feet \$15,000,000

FY 2018 Capital Development Project Request & Feasibility Statement

Type of Request: State Funded X Non-State Funded
 Non-State Funded with O&M Request Land Bank

Agency/Institution: *Salt Lake Community College*

Project Name: *Jordan Campus Student Center*

Agency/Institution Priority: *#1*

Project Scope:

Total Project Space (Gross Square Feet)	<u>80,000</u>
New Space Requirement (Gross Square Feet)	<u>80,000</u>
Remodeled Space (GSF)	<u>0</u>
Space to be Demolished (GSF)	<u>0</u>

Types of Space - Describe the types and amounts of space proposed to meet the programmatic requirements.

Capital Funding:

Preliminary Cost Estimate: **\$ 37,040,089**

Include comparable costs for two to three buildings of similar size and function. Provide names and locations of comparable facilities. Insert preliminary construction budget estimate (CBE) statement of DFCM opinion of viability cost estimate

Previous State Funding **\$ 0.00**

Other Sources of Funding **\$ 37,040,089**
 Student Fee Bond

FY 2018 Requested Funding **\$ 0.00**

Ongoing Operating Budget Funding:

Increase in State Funded O&M: \$ 0.00 0% of total O&M

- *If applicable, describe all alternate proposed sources of O&M funding. (fees, tuition, usage charges, etc.)*

O&M will be paid out of the funds collected from the Student Fee Bond.

- *Explain why this project should receive ongoing state funding, including O&M and future capital improvement funding.*

This will be a State-owned building used by Salt Lake Community College for the purpose to provide a location on the Jordan Campus for a Student Center.

- *Other than the State requirement to comply with the high efficiency building standard, describe any other strategies that you plan to employ in the facility that will make its operation more efficient.*

Solar electricity generation will be considered to further address the building’s energy efficiency. This building will meet the state’s HPBS, (High Performance Building Standard).

New Program Costs: \$ 279,721

New FTEs Required for O&M and Programs O&M 0 Programs 6

Existing Facility:

- *How is the existing program housed? Why is the existing facility not able to meet your needs? What is the proposed use or disposition of the existing facility if your request is funded?*

Currently, the Student Affairs functions on the Jordan Campus are housed within the High Tech Center. Those services include the following: Admissions; Financial Aid; Academic Advising; Registrar; Testing Center; Disability Resource Center; and the Office of the South Region Student Services Director. Additional student services are provided in the Student Pavilion, which includes the Office of Student Life and Leadership and the Center for Health and Counseling. Space in the High Tech Center and the Student Pavilion is limited and does not allow for additional staffing to meet the needs of students on the campus. As the College continues to focus on student success, persistence, and completion, additional space is need to support expanded services and intrusive academic advising.

Also, due to the space limitations in the Student Pavilion campus-wide student events are not possible nor is there any space available for recreation or fitness, both which are high demand

requests from our student population.

The current vacated spaces in the High Tech Center and the Student Pavilion will be used for additional teaching and student study support space.

- ***Where applicable, if the proposed facility is not intended to be replacement space, (existing facility serving this function will not be demolished) describe the future use of the existing facility. Include functions to be served, costs of remodeling or expansions as well as the amount of deferred maintenance and code compliance that will need to take place in the existing facility to enable it for continued use.***

(See explanation below)

Existing Space (square feet) Currently Occupied ***Q***

Project Executive Summary:

Use this section to provide a detailed justification of why the project is needed. Please address the following bullets in your summary.

- ***Describe the purpose for the project in detail, including all programs and services to be offered in the proposed facility.***

Salt Lake Community College has been a successful leader in higher education, both in the state and nationally. The College is seeking to remain a leader by investing in buildings and facilities like the student center for the Jordan Campus, which already serves a high percentage of traditional students and many first generation students. As the Jordan Campus continues to build upon its base of general education offerings and allied health science, students will need more services that include advising, spaces for collaboration and an array of resources proven to vastly improve performance and overall student success. The College will focus on expanding opportunities for SLCC students at the Jordan Campus through continued development of curriculum and delivery of education services to the surrounding population. The SLCC Jordan Campus must continue to evolve and grow to serve a diverse population of students that has grown from about 650 in 2006 to more than 1,500 today.

The proposed project would be partially funded through the use of student fee dollars to support a building bond. In addition to classroom space, the following would be contained within the proposed Jordan Student Center: Office of Admissions; Office of Financial Aid; Office of Academic Advising; Office of the Registrar; the Testing Center; the Disability Resource Center; Center for Health and Counseling, and the Office of the South Region Student Services Director.

Additionally, the proposed Jordan Student Center would include the expansion of the Office of Student Life and Leadership, allowing campus-wide student events to take place. The expansion of this space would assist in developing the connection between the student and the institution by providing gathering space for student clubs/organizations and study groups; one-stop access to student affairs offices; access to a recreational/fitness center; access to healthy meal options at reasonable prices; and also creating a space on campus for students to call their own.

- ***How would this facility benefit the State of Utah? Describe the various populations or constituencies served and how they will benefit. Estimate any increase in program capacity that will result if this request is funded, i.e. number of FTE students taught, prisoners housed, court cases handled, etc.***

The Jordan Campus is situated in a fast-growing part of the Salt Lake Valley that has been served well by Salt Lake Community College's presence. As the area around the Jordan Campus continues to grow, it is important that the College be able to meet the needs of students coming from this major population center in Utah. Spaces to gather in groups and work together, areas to hold events that educate and entertain students and members of the community and more room for students to benefit from the guidance and wisdom of support staff at SLCC would all be housed in a new multipurpose center. The center will provide the first opportunity for many of the residents in this area to access the types of services that will be available to students in this

new facility.

- ***Explain how this facility would function to satisfy some facet of the institution or agency mission.***

SLCC MISSION: Salt Lake Community College is your community college. Our mission is to engage and support students in educational pathways leading to successful transfer and meaningful employment.

This new facility will help the College meet every aspect of its state-mandated mission. The thousands of people who attend the Jordan Campus will include students who are diverse in culture, ability and age. Most of the students will attend the Jordan Campus with the goal of starting their education at the College and then transferring to another institution to complete their studies.

The majority of our students, whether they are attending the College with the goal of transferring to another institution or gaining education and training that will prepare them for immediate entry into the workplace, need general education courses. Without an additional facility to house student support services, our classroom space is limited and we can not fully meet the general education needs of Jordan students.

- ***Summarize your decision-making process that has led to this project request: e.g., construction of a new facility versus remodeling an existing building or a combination of build new and remodel existing. Discuss economic, functional, and programmatic considerations involved in your proposal.***

Through meticulous and thoughtful demographic research and planning, SLCC administrators have decided that building a new multi-use center at Jordan Campus will not only consolidate and bring a more sensible arrangement to excellent existing services, but create a student commons area and event space that will benefit students and members of the surrounding community. A new building will also free up space on campus to fill a significant need for more teaching and lab space. A College-wide taskforce was charged to fully investigate the demographic composition, enrollment projections, program capacities and student needs and provide recommendations. The recommendation of the task force was to further develop the Jordan Campus with the addition of the Jordan Student Center. This will free up space that has been occupied by various Student Affairs functions to be transitioned into space that can be used for teaching and student study support space.

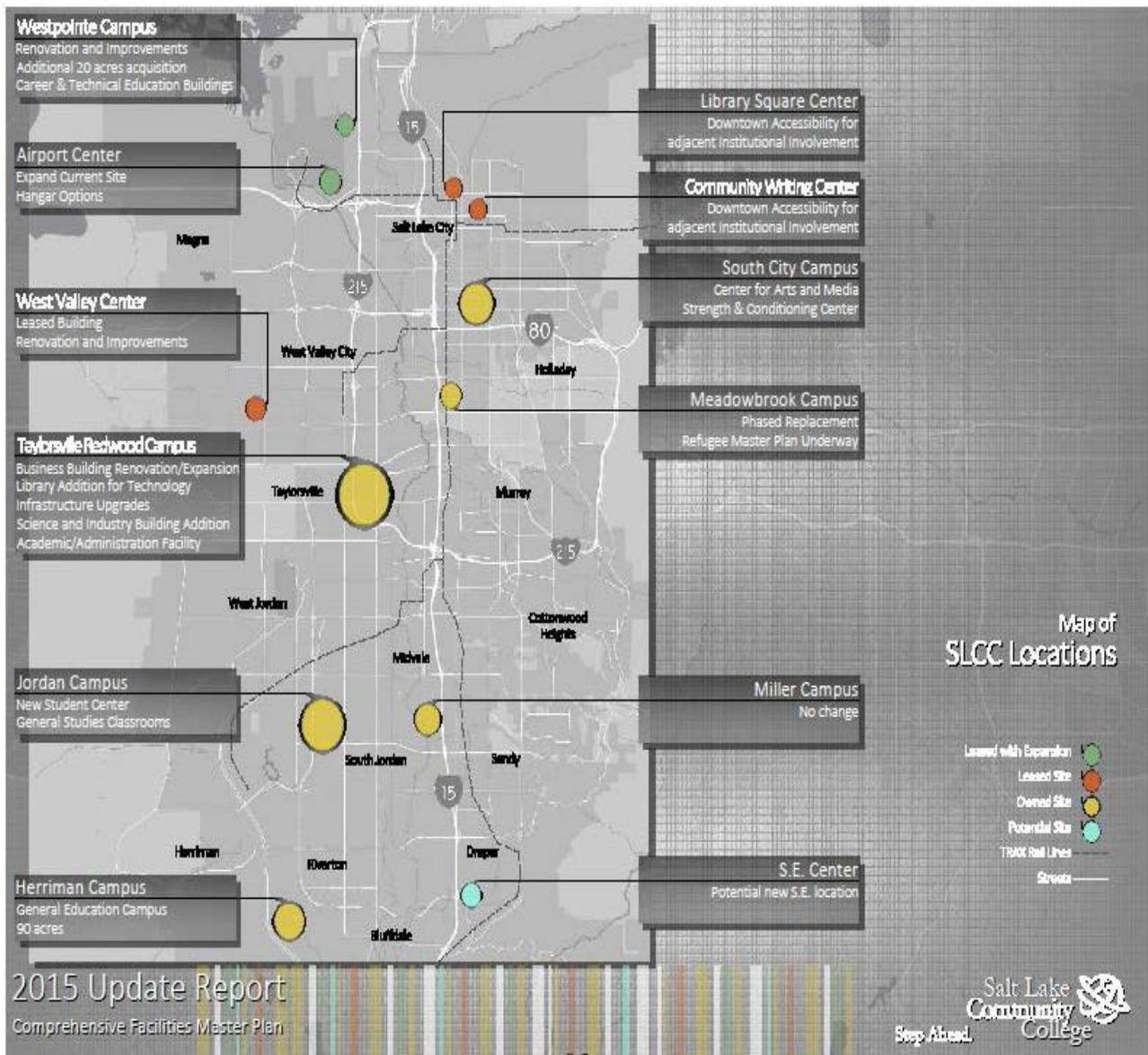
- ***Explain the degree of urgency for the project and your options and strategies should this facility not be funded, both in the interim and in the long term.***

It's vital to provide quality post-secondary education opportunities to people in this rapidly-growing part of the Salt Lake Valley. The campus needs a multi-use center that will fulfill a variety of unmet needs while allowing other existing facilities on campus to be expanded to lab and classroom space. Without a new center, demand for new and expanded offerings at SLCC will continue to surpass the College's ability to fulfill those critical needs.

Feasibility/Planning:

- *Explain how this facility and its functions correspond with your agency or institution’s Strategic Plan and campus Master Plan. Indicate when your Strategic Plan and Master Plan was last updated.*

The proposed project is consistent with the College Master Plan. A preliminary program that complements the Comprehensive Facilities Master Plan has been prepared by the College Director of Planning & Design in consultation with the College Administration and scoping sessions to identify the space needs for instructional space. Salt Lake Community College’s Strategic Plan and Master Plan was updated in 2015.



- ***Summarize the primary priorities of program or service growth at your institution or agency and describe how the proposed facility will serve those needs.***

Forward, proactive thinking and planning on the part of the State and Salt Lake Community College has thus far allowed the College to keep up with post-secondary education demands in one of the fastest growing population bases in the country in recent years. The new Student center will address multiple needs, from freeing up space for more classrooms and lab areas to providing consolidated student service, a common area for students to gather, study and collaborate, and valuable event space that will benefit students and members of the surrounding community.

- ***Where applicable, describe the potential positive and/or adverse economic and community impacts of the project.***

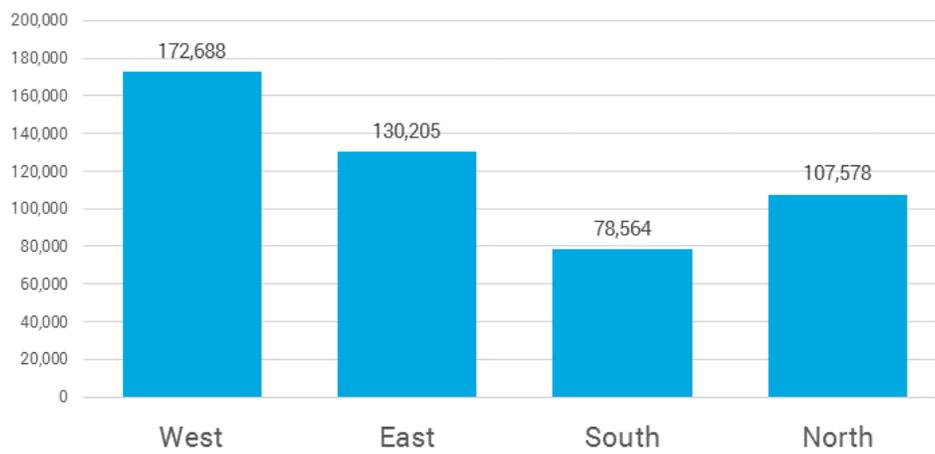
An imperative for the College is to ensure that we provide access to a broad cross-section of students across Salt Lake County, with options as close to home as possible. Ease of access, and the added affordability due to reduced travel costs, is one way we can help improve the College experience for students.

When evaluating whether we are meeting the needs of students in their geographic areas, we break the Salt Lake Valley into four regions: North, South, East and West. We evaluate the college-age population in each region, and compare that percentage with the percentage of SLCC students being educated in each region.

As the area around the Jordan Campus continues to grow, it is important that the College be able to meet the needs of students coming from this major population center in Utah.

Geographic Access

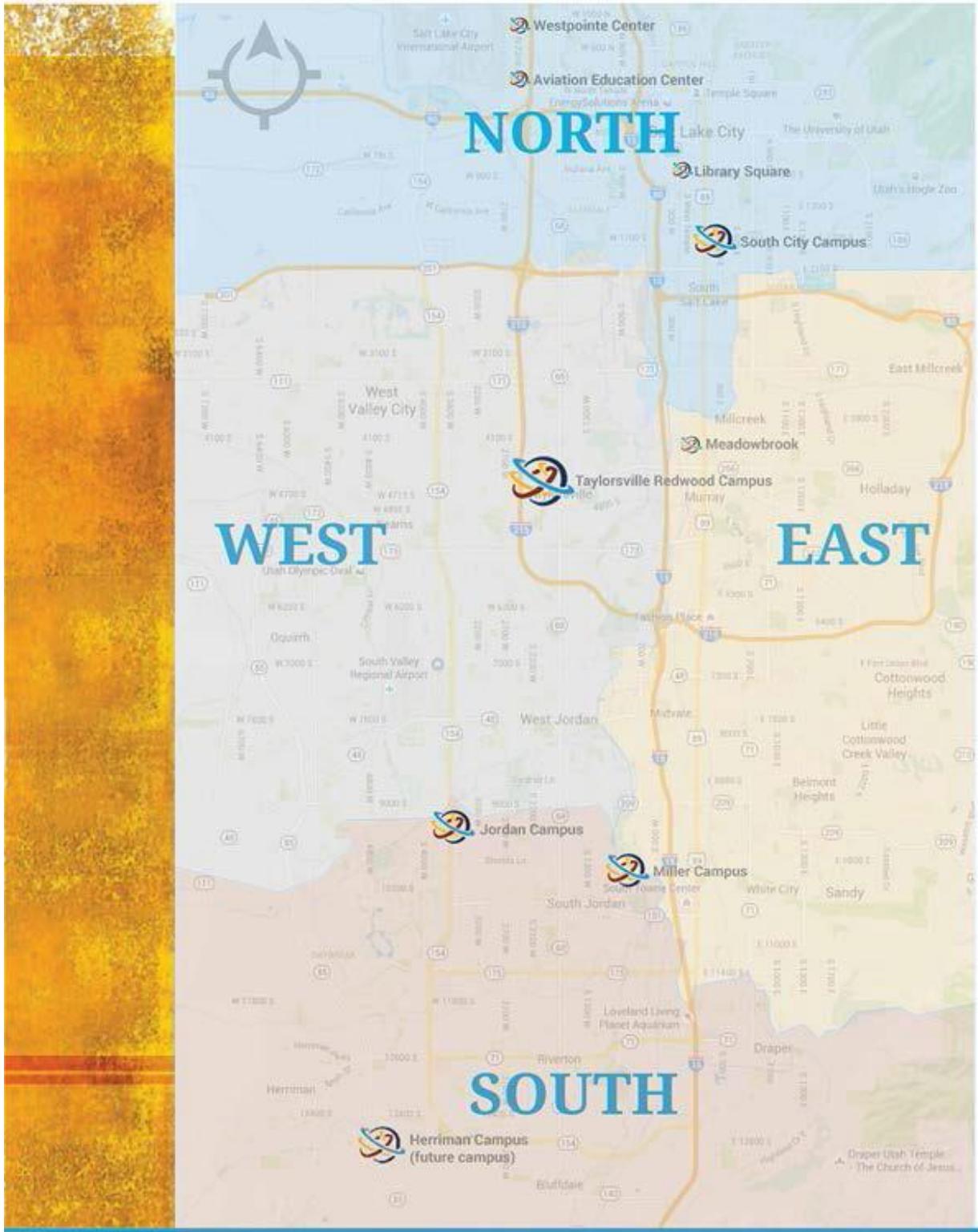
Salt Lake County Enrollment by regions; Spring 2015



Source: SLCC Institutional Research; based on most current data as of June 2015. Based on zip codes. Excludes concurrent enrollment, non-credit, and School of Applied Technology students.

Salt Lake County Regions

Figure 1: Salt Lake County Regions and Campus locations



- *Describe any special transportation considerations for this facility including parking, transit, and pedestrian requirements*

Salt Lake Community College has had regular meetings with UDOT in conjunction with the Bangarter Highway widening project. This could have an effect on access to the campus. The College will prepare additional roadways for better circulation and access. The College will engage in conversations with the local municipalities to properly connect to existing roadways. SLCC will continue with the campus master plan to expand the parking allocations to meet the needs of the increased traffic. The College also plans to extend the plaza walkway for improved circulation and linkage walkways to the existing portion of the campus.

- *Describe your efforts to work with the surrounding communities should this facility be approved; including impacts to traffic, pedestrian safety, security, noise, excessive nighttime lighting, etc.*

The College will continue to meet regularly with UDOT to stay informed as to the effects of the Bangarter Highway widening project. The College has had conversations with South Jordan City and will have conversations with West Jordan City. It is important to develop and continue these conversations so that everyone is informed as to the best options for connections to major access points to alleviate and improve the circulation in and out of the campus.

- *Describe the extent that you have evaluated facility siting, including alternative sites where applicable, to include:*
 - *Identification, including location, size, and characteristics of the site, and estimated costs of any required environmental remediation*

Salt Lake Community College currently has a clear title to the total 120 acres. The initial campus Master Plan and subsequent student site study updates all indicate the location of the student center to centrally located on the campus.

- *Explain any special soils preparation requirements or seismic conditions that could increase site and structural costs beyond those considered standard for your area.*

This will be part of the preconstruction services provided by the design team. Previous projects on this site have not shown a need for any special preparation or remediation.

- *Describe the availability and capacity of utility services, including IT, for the proposed facility. Specify whether the utilities services will be provided by municipal, private, or local campus centralized services.*

All required utilities are available and adjacent to the owned property. All utility services are municipal or quasi-municipal provided except for IT (information technology) infrastructure, which will be connected to the existing campus backbone system.

State System of Higher Education, Additional Statutory Required Information:

As require in Title 63A-5-104 (2) (b)(iii) that an institution described in Section [53B-1-102](#) that submits a request for a capital development project address whether and how, as a result of the project, the institution will:

- (A)) offer courses or other resources that will help meet demand for jobs, training, and employment in the current market and the projected market for the next five years;
 - Describe
- (B)) respond to individual skilled and technical job demand over the next 3, 5, and 10 years;
 - Describe
- (C)) respond to industry demands for trained workers;
 - Describe
- (D)) help meet commitments made by the Governor's Office of Economic Development, including relating to training and incentives;
 - Describe
- (E)) respond to changing needs in the economy; and
 - Describe
- (F)) based on demographics, respond to demands for on-line or in-class instruction;
 - Describe

Capital Development Modifications After Deadline:

Title 63A-5-104 (2) (c)

(c) An agency may not modify a capital development project request after the deadline for submitting the request, except to the extent that a modification of the scope of the project, or the amount of funds requested, is necessary due to increased construction costs or other factors outside of the agency's control.

Non- State Funded Without O&M:

Title 63A-5-104 (3)

- (3) (a) Except as provided in Subsections [\(3\)\(b\)](#), [\(d\)](#), and [\(e\)](#), a capital development project may not be constructed on state property without legislative approval.
- (b) Legislative approval is not required for a capital development project that consists of the design or construction of a new facility if:
 - (i) the State Building Board determines that the requesting state agency has provided adequate assurance that state funds will not be used for the design or construction of the facility;
 - (ii)) the state agency provides to the State Building Board a written document, signed by the head of the state agency:
 - (A)) stating that funding or a revenue stream is in place, or will be in place before the project is completed, to ensure that increased state funding will not be required to cover the cost of operations and maintenance to the resulting facility for immediate or future capital improvements; and
 - (B)) detailing the source of the funding that will be used for the cost of

operations and maintenance for immediate and future capital improvements to the resulting facility; and

- (iii) the State Building Board determines that the use of the state property is:*
- (A)) appropriate and consistent with the master plan for the property; and*
 - (B) will not create an adverse impact on the state.*

Land Bank Acquisition Requests:

Requests for purchase of land from funds to be appropriated by the State Legislature for future use by an agency or institution will be evaluated based upon approved programmatic planning and facilities master plan requirements of the agencies and institutions.

General Considerations - *Provide detail for the following considerations that will be taken into account in evaluation of these requests.*

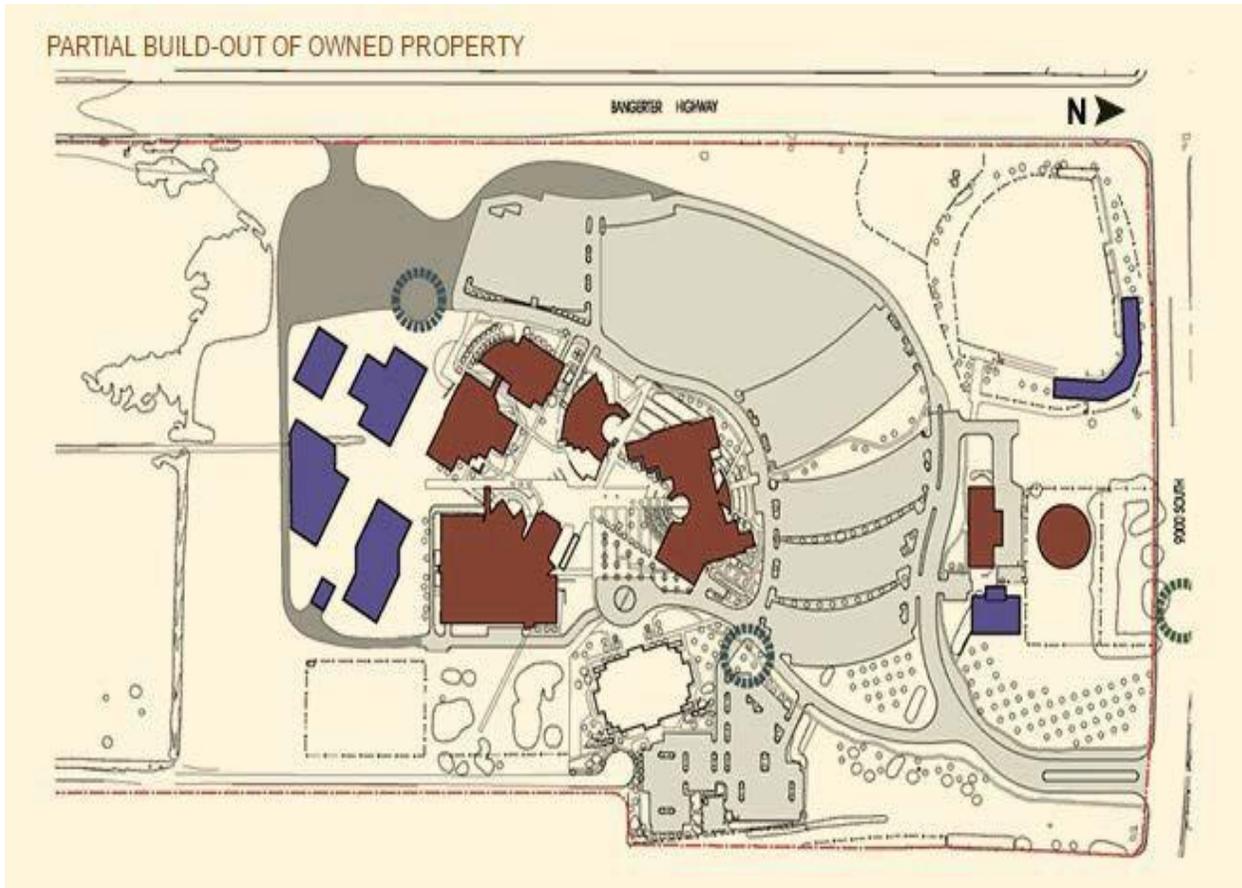
- Location and description of the property including any existing permanent structures.*
- Current availability of the land and “time sensitivity” of the window of opportunity for its purchase.*
- Intended use of the land and its relative importance in the context of the agency or institutions role and mission assignment and strategic plan for the future.*
- Suitability of the property for the intended use (ingress/egress, proximity of utilities, percentage of buildable area, geo-technical, etc. where applicable).*
- Reasonableness of cost as determined by an appraisal or other reasonable estimate of the value of the land.*
- Condition of the land, including the potential liability of the institution pertaining to clearing the property, potential existence of hazardous waste, greenhouse gas emissions, etc.*
- Condition and potential use of existing structures, if any.*

UCAT Statutory Requirements - State statute specifies that the State Building Board must determine that the requirements of UCA 53B-2a-112 have been met before it may consider a funding request from the Utah College of Applied Technology pertaining to new capital facilities and land purchases. UCAT requests for such purchases should describe in detail how each of these statutory requirements have been met including: inclusion of letters from school districts stating that they do not have space available for UCAT use; an inventory/utilization report of the current UCAT space; a summary of the ATE programs being offered by the college campuses in the UCAT area and copies of current cooperative agreements or a summary of efforts to develop such agreements.

Photographs and Maps:

Photographs and other graphics justifying the project and/or maps showing where the facility will be located are requested to be submitted in electronic format if possible. These should help explain the project and justify why it should be funded.

Site for Proposed the Jordan Campus Student Center





Scoring Analysis for Building Board Request Evaluation Guide:

Please provide the following justification to aid the Building Board and DFCM in applying the attached Capital Development Request Evaluation Guide.

1. Existing Building Deficiencies and Life Safety Concerns

Consistent with the College's Strategic Goals of Student Completion and Strengthening Transfer Pathways, this center will allow us to provide better support service to provide intrusive advising and engagement opportunities both known to improve completion. We will also be able to provide more general education classes to accommodate degree completion at a single site.

2. Essential Program Growth

The College plays a major role in the economic development of Salt Lake County and the State of Utah. It has played a significant role in providing learning opportunities to a higher percentage of ethnic minority students and disadvantaged students than any other institution of higher education in the State of Utah. It is critical that the new classroom and lab spaces are added in order to keep up with current and future growth.

3. Cost Effectiveness

In alignment with DFCM's HPBS (High Performance Building Standards), the new buildings will be constructed with more energy efficient building systems. This project will resolve cost inefficiencies created by conducting classes in spaces that are poorly designed for their functions, and improve sharing of resources including space, equipment, faculty, and staff.

4. Project Need: Improved Program Effectiveness and Support of Critical Programs/Initiatives

It is essential that the College provide adequate, safe, attractive space in which our diverse student population can access general education courses and career and technical training that lead to successful transfer and meaningful employment. The new Center will provide a critical update to buildings that were not originally designed to be a college academic location and spaces that were not tailored for a learning environment or to accommodate the programs that are being taught.

5. Alternative Funding Sources

All funding will be derived from existing student fees and existing student funds in place.

5-Year Plan

Please list below the anticipated State Funded Capital Development projects planned for your agency/institution over the next five years. Include a short one paragraph description/justification of each project and the approximate cost of the project.

Project #1 – The Herriman Campus General Education Classroom Building 100,000 square feet - \$42,605,917

Project #2 – Taylorsville/Redwood Campus Applied Technology Center Building Use to be discussed

Project #3 – Taylorsville/Redwood Campus Business Building Classroom & Study Space Expansion with Renovation of existing space
120,000 square feet - \$36,000,000

Project #4 – Taylorsville/Redwood Campus Remodel and Modernize the Technology Building Infrastructure (no new added space)
- \$20,000,000

Project #5 – Taylorsville Redwood Campus Science & Industry Building Classroom Addition 90,000 square feet - \$27,000,000

Non-State Funded Capital Project Requests

Project #1 – Jordan Campus Student Center
80,000 square feet \$37,040,089

Project #2 – Taylorsville Redwood Campus Community Center / Alumni House 10,000 square feet \$15,000,000

CBE*

***Note: After the Building Board’s prioritization process, DFCM may verify the project preliminary cost estimate.**



Gary R. Herbert
Governor

Utah State Building Board

3120 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3010
Fax (801) 538-3844

MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 2016
Subject: **Southern Utah University: Approval for Updated 2016 Master Plan**
Presenter: Tiger Funk, Executive Director of Facilities Mgmt. for Southern Utah University

Recommendation

Jeff Reddoor recommends the Board approve Southern Utah University's 2016 Campus Master Plan.

Background

The Building Board (under title 63A Chapter 05) is responsible to review and approve state agency and institutional master plans. Southern Utah University requests the Board approve an update to their 2016 Campus Master Plan. This plan was previously approved by the SUU Board of Trustees and the Board of Regents. Changes made in this plan are described and outlined in the attached Master Plan Map.

Attachments:
USU Updated Master Plan

SOUTHERN UTAH UNIVERSITY

2016 Campus Master Plan

Southern Utah University requests review and approval of an update to the 2016 Southern Utah University Campus Master Plan per Board of Regent policy. Changes made to this plan are described below and outlined on the master plan map.

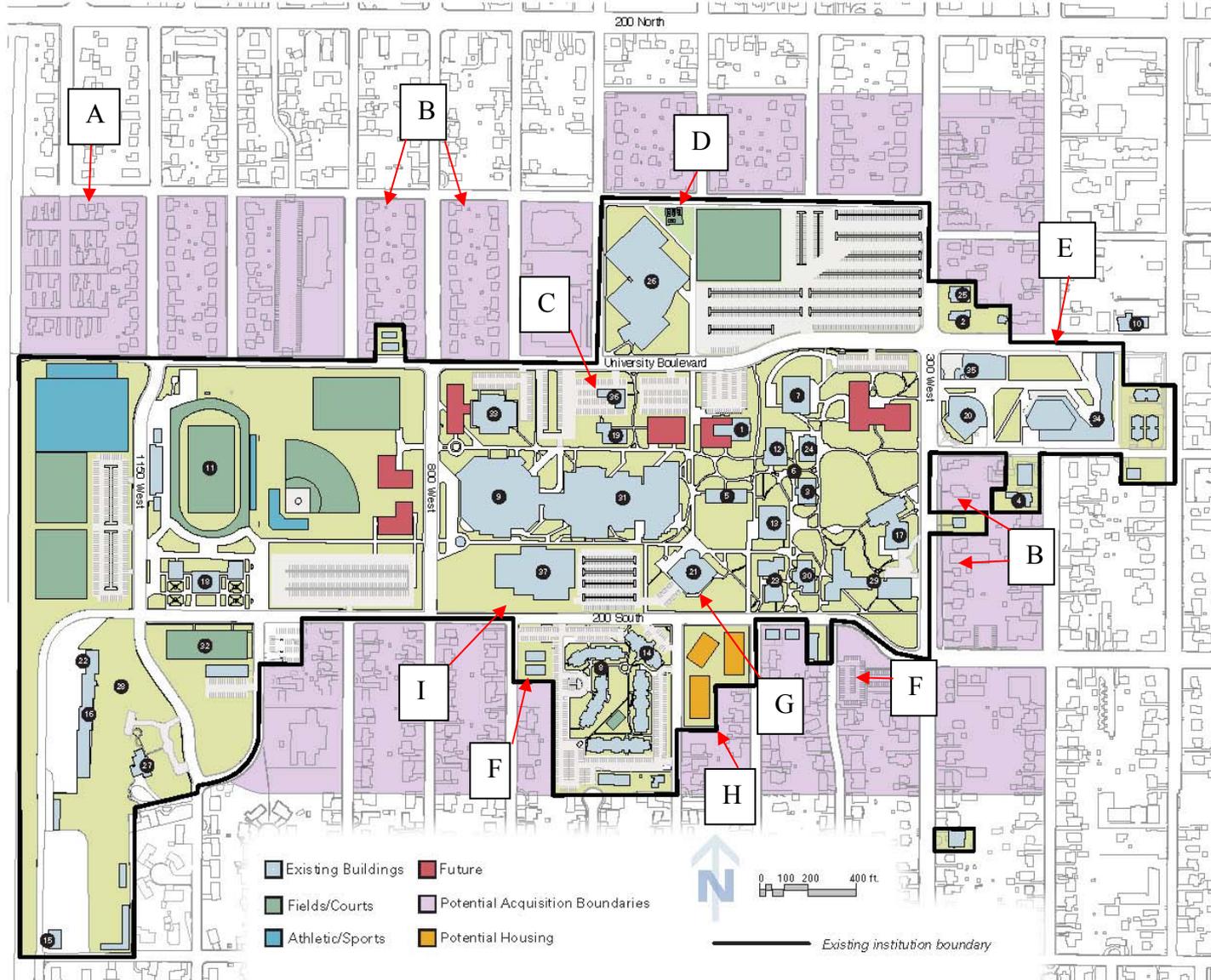
- A.** Proposed potential property acquisition boundary designated in lavender
- B.** Removed North Housing Options A and B and East Housing Options on 300W
- C.** Restored existing Leadership Engagement Center instead of additional parking lot (#36)
- D.** Updated removal of tennis courts and placement of pickleball courts adjacent to Physical Education building
- E.** Added new Utah Shakespeare Festival buildings and Southern Utah Museum of Arts to existing buildings list (#34 & #35)
- F.** Removed Dewey Avenue parking lot as part of a land swap for two added existing houses at 200 South and 700 West (to accommodate construction of new residents halls in partnership with the Dixie and Anne Leavitt Foundation)
- G.** Removed potential addition to existing Library building
- H.** Added new Housing Option on vacant Juniper Hall Housing site
- I.** Removed future buildings on Multipurpose building site and restored existing Multipurpose building to existing buildings list (#37)

SUU CAMPUS MASTER PLAN 2016

SOUTHERN UTAH UNIVERSITY

EXISTING CAMPUS BUILDINGS

1. Bennion Building
2. J. Reuben Clark, Jr. Alumni House
3. R.C. Braithwaite Liberal Arts Center
4. Burch Mann House
5. Dixie Leavitt Business Building
6. Carter Carillon
7. R. Haze Hunter Conference Center
8. Cedar Hall
9. Centrum Arena
10. Community Outreach Center
11. Eccles Coliseum
12. Emma Eccles Jones Education Building
13. Electronic Learning Center
14. Eccles Living and Learning Center
15. Facilities Management Administration
16. Facilities Management Shops
17. General Classroom Building
18. J.D. & Alice C. Harris Center
19. Heat Plant
20. Randall L. Jones Theatre
21. Gerald R. Sherratt Library
22. Motor Pool
23. Music Center
24. Old Main
25. SUU Police
26. J. L. Sorenson Physical Education Building
27. President's Residence
28. Rocky Mountain Power Challenge Course
29. Science Center
30. South Hall
31. Sharwan Smith Student Center
32. Tennis Courts
33. Engineering & Technology
34. Utah Shakespeare Festival
35. Southern Utah Museum of Art
36. Leadership Engagement Center
37. Multipurpose Center





Gary R. Herbert
Governor

Utah State Building Board

3120 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3010
Fax (801) 538-3844

MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 2016
Subject: **Utah State University: Approval for Design and Construction of a Dairy Barn (NonState Funded)**
Presenter: Ben Berrett, Director of Construction for Utah State University

Recommendation

Jeff Reddoor recommends the Board approve a request for Utah State University to design and construct a new dairy barn. This is a Non-State Funded request.

Background

The University's current dairy barn is 35 years old and near the end of its useful life. It is equipped with outdated milking machines using outdated technology. Additionally, the waste is subject to rainfall and storm water adding a burden to the lagoon system since the current facility is not fully enclosed.

The 25,280 square-foot fully enclosed pre-engineered steel building will house two robotic milking stations, a milk processing room, a robotic manure scraping system to reduce the burden on the lagoon system, and a robotic feed management system that can accommodate and provide space for 124 dairy cows. In addition to the dairy functions, the building will feature two offices, restrooms, and a utility room.

Attachments:
Funding Certification Letter
Proposed Building Plan

November 29, 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 and Project Approval for the Dairy Barn, a non-state funded project

Dear Jeff:

Utah State University desires approval for a Dairy Barn, a non-state funded project, located at the Caine Dairy in Wellsville, Utah.

The University's current dairy barn is 35 years old, near the end of its useful life, and equipped with outdated milking machines using outdated technology. Additionally, the waste is subject to rainfall and storm water adding a burden to the lagoon system since the current facility is not fully enclosed.

The 25,280 square-foot fully enclosed pre-engineered steel building will house two robotic milking stations, a milk processing room, a robotic manure scraping system to reduce the burden on the lagoon system, and a robotic feed management system that can accommodate and provide space for 124 dairy cows. In addition to the dairy functions, the building will feature two offices, restrooms, and a utility room.

Investing in robotic operations, will allow students the opportunity to gain hands-on experience with the most up-to-date technology and will provide resources to the public through the University's extension role. No funds will be requested from the State for operations and maintenance.

It is anticipated that construction and related soft costs will be approximately \$1,250,000. The project and ongoing operation and maintenance costs will be funded by Agriculture Experiment Station commodity revenues.

We appreciate your support and ask that you report this item to the Building Board during the December meeting. This request has been approved by the Board of Trustees and Board of Regents.

Sincerely,



Stan L. Albrecht
President



David T. Cowley
Vice President for Business & Finance



**NEW
BARN**

**EXISTING
BARN**



UtahStateUniversity
FACILITIES PLANNING, DESIGN, & CONSTRUCTION
1250 EAST 700 NORTH - LOGAN, UTAH 84322
PH: (435) 797-5121 - F: (435) 797-3688

DAIRY BARN



SCALE: None



Gary R. Herbert
Governor

Utah State Building Board

3120 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3010
Fax (801) 538-3844

MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 2016
Subject: **DABC: Approval for Design and Construction of Riverton-Herriman Market Area Liquor Store (Non-State Funded)**
Presenter: Cade Meier, Deputy Director for DABC

Recommendation

Jeff Reddoor recommends the Board approve the request for the DABC to design and construct a new liquor store in Riverton, Utah. This is a Non-State Funded request.

Background

The southwest area of Salt Lake County has had and will continue to have significant population growth. The location of an additional store in this area can serve multiple market areas, including stores #26-Taylorsville and #11-Magna. The estimated project cost is \$5.4M.

Attachments:

Riverton-Herriman Market Area Liquor Store: Capital Development Project Request & Feasibility Statement

- *If applicable, describe all alternate proposed sources of O&M funding. (fees, tuition, usage charges, etc.)*
- *Explain why this project should receive ongoing state funding, including O&M and future capital improvement funding.*
- *Other than the State requirement to comply with the high efficiency building standard, describe any other strategies that you plan to employ in the facility that will make its operation more efficient.*

New Program Costs: \$ 600,000

Estimate the cost of new or expanded programs and services that will result if the project is funded and provide a brief description of the additional program costs and anticipated funding sources below. This should include any operating budget increase that will be required, other than O&M, in order to operate the programs that will be housed in the requested facility. If this request will make existing state space available for alternative uses, the above estimate should also include the estimated cost of new or expanded programs and services that will be housed in this vacated space.

New FTEs Required for O&M and Programs O&M 0 Programs 10

Provide a separate estimate of the number of new employees that will be required for O&M and for program purposes if the project is funded. Provide a brief description below; i.e., staff for new or expanded programs or to maintain the facility. This includes any FTE that will be paid for from Increased O&M Funding or New Program Costs noted above.

Existing Facility:

How is the existing program housed? Why is the existing facility not able to meet your needs? What is the proposed use or disposition of the existing facility if your request is funded?

Where applicable, if the proposed facility is not intended to be replacement space, (existing facility serving this function will not be demolished) describe the future use of the existing facility. Include functions to be served, costs of remodeling or expansions as well as the amount of deferred maintenance and code compliance that will need to take place in the existing facility to enable it for continued use.

Existing Space (square feet) Currently Occupied _____

Project Executive Summary:

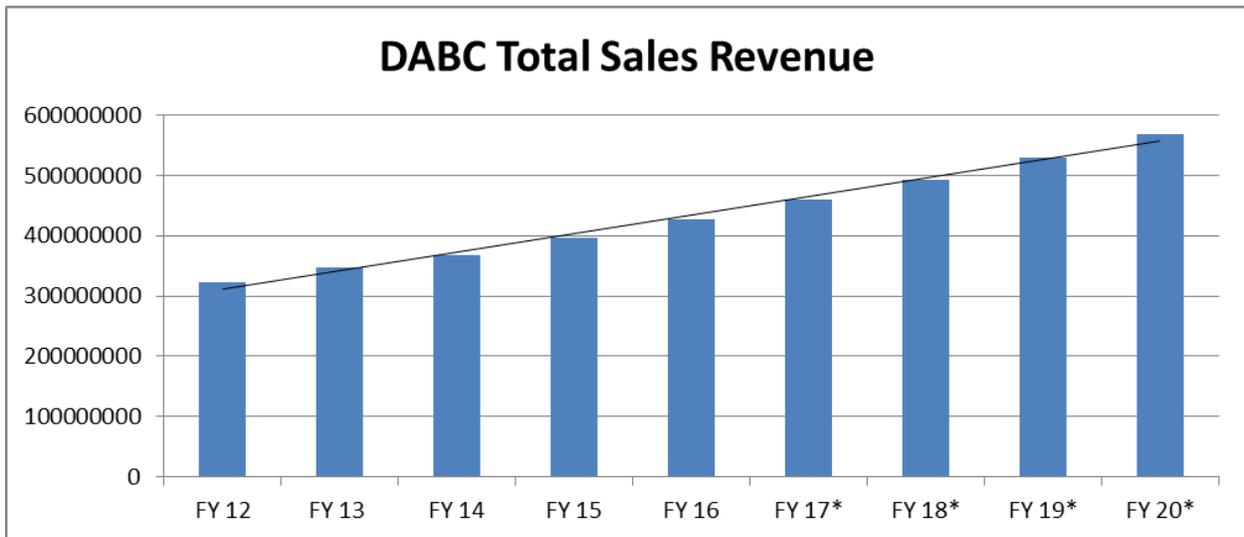
The proposed project will assist the DABC meet its statutory mission of “reasonably satisfy demand” for alcoholic beverages.

The department currently has 44 Liquor and Wine Stores with another in West Valley scheduled

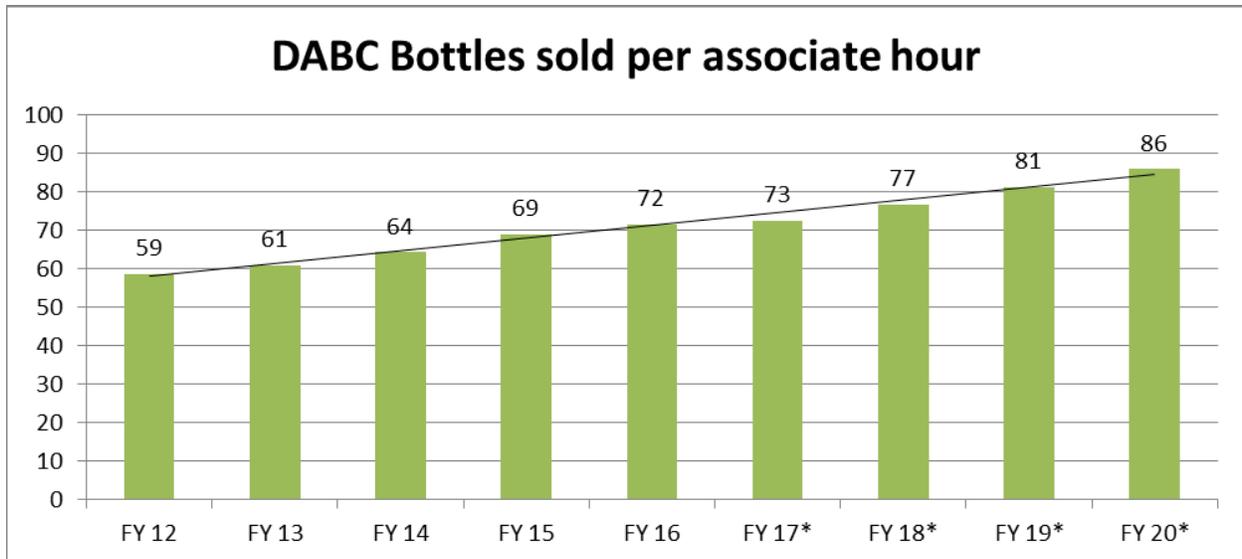
to open in March 2017 and another in Syracuse in the spring of 2019. The DABC is currently 17 stores below what the statutory formula which determines the number of stores that DABC is allowed to have indicates. Based on current population estimates, the DABC should have 63 Wine and Liquor Stores.

In 2016, Zions Public Finance, INC. conducted a store placement master plan for the DABC. The Zion’s team recommended that the department build new stores in the top twelve market areas; Riverton, Layton, Pleasant Grove, Sandy, Taylorsville, Harrisville, Roy, West Valley City, Bountiful, Draper, Ogden, and Cottonwood Heights. new stores at that time. The study considered two main areas; Population growth and performance measures such as bottles sold per man hour and transaction in each store area.

The Charts below indicates the increased demand and projected demand put on our existing stores



The chart below indicates the increased demand put on our current system by bottles sold per associate hour.



With no additional stores built to take away from the increased demand the current stores will become less efficient and offer a lower level of customer service.

Feasibility/Planning:

Additional stores always help the DABC to more easily meet demand for alcoholic beverages.

The department has seen significant increases in sales when new stores have come online in the past. We believe that increases are partially the result of increased floor sales area with a commensurate increase in products displayed, better parking, and usually better site location and visibility.

The possibility of a project in the Farmington market area is in its infancy. We are reaching out to the surrounding municipalities to gauge their openness to a DABC facility.

○

State System of Higher Education, Additional Statutory Required Information:

As require in Title 63A-5-104 (2) (b)(iii) that an institution described in Section [53B-1-102](#) that submits a request for a capital development project address whether and how, as a result of the project, the institution will:

- (A) *offer courses or other resources that will help meet demand for jobs, training, and employment in the current market and the projected market for the next five years;*
 - *Describe*

- (B) *respond to individual skilled and technical job demand over the next 3, 5, and 10 years;*
 - *Describe*

(C) respond to industry demands for trained workers;

- Describe

(D) help meet commitments made by the Governor's Office of Economic Development, including relating to training and incentives;

- Describe

(E) respond to changing needs in the economy; and

- Describe

(F) based on demographics, respond to demands for on-line or in-class instruction;

- Describe

Capital Development Modifications After Deadline:

Title 63A-5-104 (2) (c)

(c) An agency may not modify a capital development project request after the deadline for submitting the request, except to the extent that a modification of the scope of the project, or the amount of funds requested, is necessary due to increased construction costs or other factors outside of the agency's control.

Non- State Funded Without O&M:

Title 63A-5-104 (3)

(3) (a) Except as provided in Subsections (3)(b), (d), and (e), a capital development project may not be constructed on state property without legislative approval.

(b) Legislative approval is not required for a capital development project that consists of the design or construction of a new facility if:

(i) the State Building Board determines that the requesting state agency has provided adequate assurance that state funds will not be used for the design or construction of the facility;

(ii) the state agency provides to the State Building Board a written document, signed by the head of the state agency:

(A) stating that funding or a revenue stream is in place, or will be in place before the project is completed, to ensure that increased state funding will not be required to cover the cost of operations and maintenance to the resulting facility for immediate or future capital improvements; and

(B) detailing the source of the funding that will be used for the cost of operations and maintenance for immediate and future capital improvements to the resulting facility; and

(iii) the State Building Board determines that the use of the state property is:

(A) appropriate and consistent with the master plan for the property; and

(B) will not create an adverse impact on the state.

Land Bank Acquisition Requests:

Requests for purchase of land from funds to be appropriated by the State Legislature for future use by an agency or institution will be evaluated based upon approved programmatic planning and facilities master plan requirements of the agencies and institutions.

General Considerations - *Provide detail for the following considerations that will be taken into account in evaluation of these requests.*

- *Location and description of the property including any existing permanent structures.*
- *Current availability of the land and “time sensitivity” of the window of opportunity for its purchase.*
- *Intended use of the land and its relative importance in the context of the agency or institutions role and mission assignment and strategic plan for the future.*
- *Suitability of the property for the intended use (ingress/egress, proximity of utilities, percentage of buildable area, geo-technical, etc. where applicable).*
- *Reasonableness of cost as determined by an appraisal or other reasonable estimate of the value of the land.*
- *Condition of the land, including the potential liability of the institution pertaining to clearing the property, potential existence of hazardous waste, greenhouse gas emissions, etc.*
- *Condition and potential use of existing structures, if any.*

UCAT Statutory Requirements - *State statute specifies that the State Building Board must determine that the requirements of UCA 53B-2a-112 have been met before it may consider a funding request from the Utah College of Applied Technology pertaining to new capital facilities and land purchases. UCAT requests for such purchases should describe in detail how each of these statutory requirements have been met including:*

inclusion of letters from school districts stating that they do not have space available for UCAT use; an inventory/utilization report of the current UCAT space; a summary of the ATE programs being offered by the college campuses in the UCAT area and copies of current cooperative agreements or a summary of efforts to develop such agreements.

Photographs and Maps:

Please see the attached study for mapping (Page 25)

Scoring Analysis for Building Board Request Evaluation Guide:

Please provide the following justification to aid the Building Board and DFCM in applying the attached Capital Development Request Evaluation Guide.

1. **Existing Building Deficiencies and Life Safety Concerns**

If the request involves the renovation or replacement of an existing state owned facility, provide a summary (one page maximum) of critical life safety and other deficiencies in the existing facility. Address the potential impact and probability of occurrence of life safety deficiencies. Coordinate with assigned DFCM staff to identify the extent to which the project addresses documented deficiencies in the existing facility. Document the extent of existing nonfunctional or dilapidated space.

2. **Essential Program Growth**

Summarize demographic data which justifies the scope of the project including any increased space requested. Document the extent of any existing shortages of space. Attach the source and date of demographic data. Examples of demographic data that may be used include workload, enrollment, and population changes.

3. **Cost Effectiveness**

If an alternative approach is being suggested that is less costly than a standard approach, demonstrate the immediate and long term savings of the alternative approach. Conversely, if a more expensive cost approach is being suggested explain why.

4. **Project Need: Improved Program Effectiveness and Support of Critical Programs/Initiatives**

Demonstrate how the requested project will improve the effectiveness and/or capacity of the associated program(s) and thereby improve the delivery of services. Demonstrate the criticality of the program or initiative that will be supported by the requested project. Demonstrate how the requested project supports a critical state program or initiative.

5. **Alternative Funding Sources**

Document, by category, the amount of alternative funding that is in hand, the amount for which enforceable commitments have been obtained, and any additional amount for which alternative funding is being sought. With the exception of donations, identify any timing constraints associated with the alternative funding.

5-Year Plan

Project #1: Add new store in Riverton Market area. The southwest area of Salt Lake County has had an will continue to have a significant population growth. The addition of an additional store in this area can serve multiple market areas. (See page 25 of our Master planning study)
Estimated Project Cost: 5.4 MM

Project #2: Add new store in the Farmington Market area. A strategically located store in this area, perhaps near Farmington or Kaysville, could serve both markets (see page 27 of Master Planning Study)
Estimated Project Cost: 5.4 MM

Project #3: Add new store in Pleasant Grove area. Adding a store on the northwest side of Utah lake could better serve the market areas currently served by stores 44 (pleasant Grove), 40 (Riverton), and 31 (Draper). This area is expected to have significant population growth through 2030 and beyond.
Estimated Project Cost: 5.4 MM

Project #4: Add new store in Sandy Market area. A store strategically placed in the area could serve multiple market areas. If placed further west, it could help serve stores 9 (Murray), 26 (Taylorsville), or 40 (Riverton), while a store placed further east could also serve store 15 in Cottonwood Heights, which is 12 in the priority list, and potentially store 31 in Draper.
Estimated Project Cost: 5.4 MM

Project #5: Add a new store/club store in the Harrisville – Ogden area. Growth in northern Weber County could warrant an additional store in the Harrisville market area. Potential locations for an additional store could include near Farr West, Pleasant View or North Ogden as well as in Ogden.
Estimated Project Cost: 5.4 MM

Capital Development Projects

Capital Budget Estimate (CBE)

Project Name:	RIVERTON/HERRIMAN LIQUOR STORE		
Agency/Institution:	DABC		
Project Manager:	Mueller		
Cost Summary			
	\$ Amount	Cost Per SF	Notes
Facility Cost	\$ 2,817,085	\$207.14	
Utility Fee Cost	\$ 56,288	\$4.14	
Additional Construction Cost	\$ 191,378	\$14.07	
Site Cost	\$ -	\$0.00	
High Performance Building	\$ 45,971	\$3.38	
Total Construction Cost	\$ 3,110,722	\$228.73	
Soft Costs:			
Hazardous Materials	\$ 126,000		
Pre-Design/Planning	\$ 42,441		
Design	\$ 219,352		
Property Acquisition	\$ 1,500,000		
Furnishings & Equipment	\$ 108,000		
Information Technology:	\$ 7,000		
Utah Art (1% of Construction Budget)	\$ 31,107		
Testing & Inspection	\$ 35,000		
Contingency	\$ 151,947		
Moving/Occupancy	\$ -		
Builder's Risk Insurance (0.15% of Construction Budget)	\$ 4,666		
Legal Services (0.05% of Construction Budget)	\$ 1,555		
DFCM Management	\$ 40,000		
User Fees	\$ -		
Commissioning	\$ 34,000		
Other Costs	\$ 40,000		
Total Soft Costs	\$ 2,341,068	\$172.14	
TOTAL PROJECT COST	\$ 5,451,791	\$400.87	
Previous Funding	\$ -		State and Agency
Other Funding Sources (Identify in note)	\$ 5,451,791		
REQUEST FOR STATE FUNDING	\$ (0)		
Project Information			
Gross Square Feet	13,600	Base Cost Date	23-Sep-16
Net Square Feet	12,240	Estimated Bid Date	30-Mar-19
Net/Gross Ratio	90%	Est. Completion Date	30-Nov-19
		Last Modified Date	23-Sep-16
		Print Date	12/5/2016



Gary R. Herbert
Governor

Utah State Building Board

3120 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3010
Fax (801) 538-3844

MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 2016
Subject: **DABC: Approval for Design and Construction of Farmington Market Area
Liquor Store (Non-State Funded)**
Presenter: Cade Meier, Deputy Director for DABC

Recommendation

Jeff Reddoor recommends the Board approve the request for the DABC to design and construct a new liquor store in Farmington, Utah. This is a Non-State Funded request.

Background

The DABC had identified a need to add new store in the Farmington Market area. A strategically located store in this area, perhaps near Farmington or Kaysville, could serve both markets. The estimated project cost is \$5.4M.

Attachments:

Farmington Market Area Liquor Store: Capital Development Project Request & Feasibility Statement

FY 2018 Capital Development Project Request & Feasibility Statement

Note: In order to facilitate brevity, instructions in italics should be deleted in the submitted document.

Type of Request: State Funded Non-State Funded
 Non-State Funded with O&M Request Land Bank

Agency/Institution: _____ Department of Alcohol Beverage Control _____

Project Name: _____ Farmington market area Liquor store _____

Agency/Institution Priority: _____ 2 _____

Project Scope:

Total Project Space (Gross Square Feet)	_____ 13,600 _____
New Space Requirement (Gross Square Feet)	_____ 13,600 _____
Remodeled Space (GSF)	_____ 0 _____
Space to be Demolished (GSF)	_____ 0 _____

Types of Space - Describe the types and amounts of space proposed to meet the programmatic requirements.

Capital Funding:

Preliminary Cost Estimate: \$ 5,451,791 _____

See attached CBE

Previous State Funding \$ 0.00 _____

Other Sources of Funding \$ 0.00 _____
Revenue bonds

FY 2018 Requested Funding \$ 5,451,791 _____

Ongoing Operating Budget Funding:

Increase in State Funded O&M: \$ 78,800 _____ _____ % of total
O&M

This amount will be based on the O&M funding formula that was approved by the Building Board and the Board of Regents.

- *If applicable, describe all alternate proposed sources of O&M funding. (fees, tuition, usage charges, etc.)*
- *Explain why this project should receive ongoing state funding, including O&M and future capital improvement funding.*
- *Other than the State requirement to comply with the high efficiency building standard, describe any other strategies that you plan to employ in the facility that will make its operation more efficient.*

New Program Costs: \$ 600,000

Estimate the cost of new or expanded programs and services that will result if the project is funded and provide a brief description of the additional program costs and anticipated funding sources below. This should include any operating budget increase that will be required, other than O&M, in order to operate the programs that will be housed in the requested facility. If this request will make existing state space available for alternative uses, the above estimate should also include the estimated cost of new or expanded programs and services that will be housed in this vacated space.

New FTEs Required for O&M and Programs O&M 0 Programs 10

Provide a separate estimate of the number of new employees that will be required for O&M and for program purposes if the project is funded. Provide a brief description below; i.e., staff for new or expanded programs or to maintain the facility. This includes any FTE that will be paid for from Increased O&M Funding or New Program Costs noted above.

Existing Facility:

How is the existing program housed? Why is the existing facility not able to meet your needs? What is the proposed use or disposition of the existing facility if your request is funded?

Where applicable, if the proposed facility is not intended to be replacement space, (existing facility serving this function will not be demolished) describe the future use of the existing facility. Include functions to be served, costs of remodeling or expansions as well as the amount of deferred maintenance and code compliance that will need to take place in the existing facility to enable it for continued use.

Existing Space (square feet) Currently Occupied _____

Project Executive Summary:

The proposed project will assist the DABC meet its statutory mission of “reasonably satisfy demand” for alcoholic beverages.

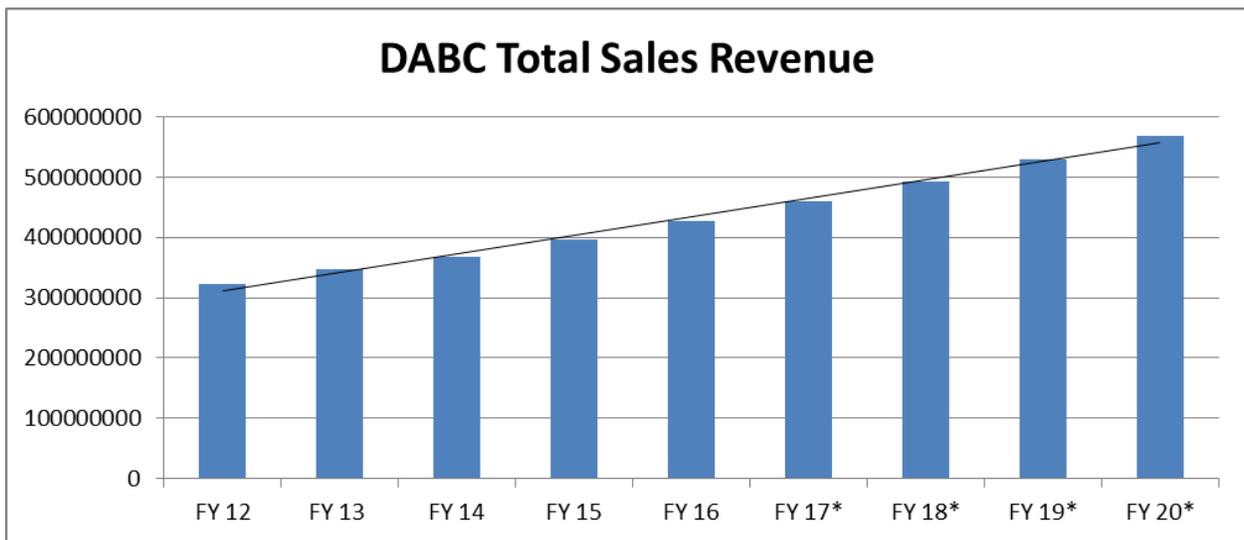
The department currently has 44 Liquor and Wine Stores with another in West Valley scheduled

to open in March 2017 and another in Syracuse in the spring of 2019. The DABC is currently 17 stores below what the statutory formula which determines the number of stores that DABC is allowed to have indicates. Based on current population estimates, the DABC should have 63 Wine and Liquor Stores.

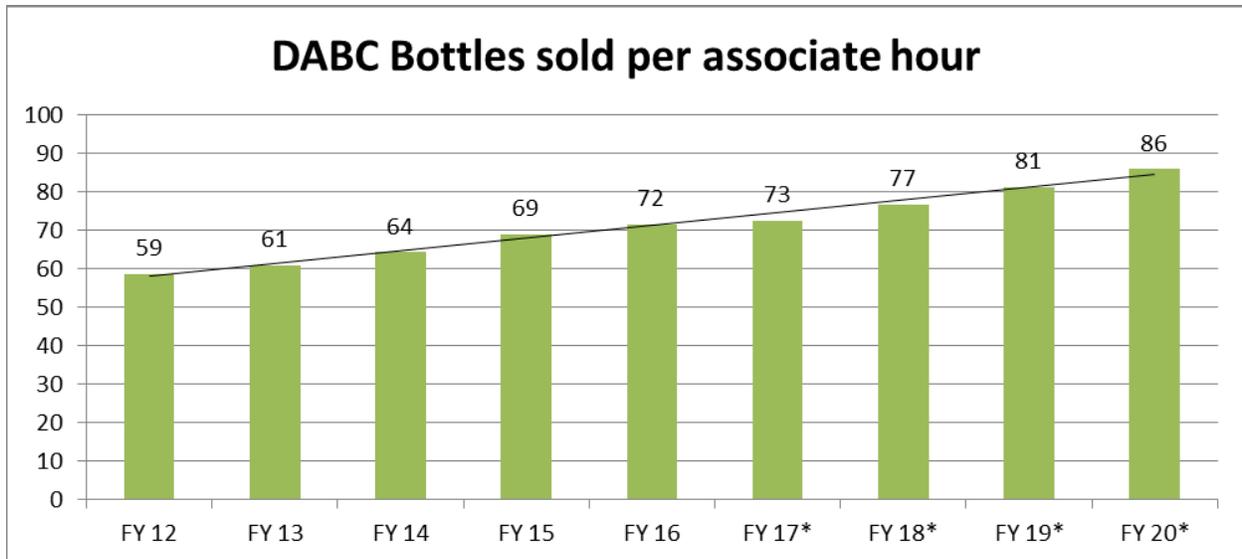
In 2016, Zions Public Finance, INC. conducted a store placement master plan for the DABC. The Zion’s team recommended that the department build new stores in the top twelve market areas; Riverton, Layton, Pleasant Grove, Sandy, Taylorsville, Harrisville, Roy, West Valley City, Bountiful, Draper, Odgen, and Cottonwood Heights. new stores at that time. The study considered two main areas Population growth and performance measures such as bottles sold per man hour and transaction.

Department sales are growing. In the period FY 2010 – FY 2015, gross revenue in the Davis County Stores – Bountiful and Layton – grew by approximately 54.4%. The stores in close proximity to the proposed location area have also experienced growth. During the same period, the Roy store’s gross revenue grew by approximately 43 percent. Gross revenue at the Layton store likewise grew by approximately 39%. The addition of a store in Syracuse will reduce demand pressure on the Roy and Layton areas but other needs still exist further south in the Farmington and Bountiful areas.

The Charts below indicates the increased demand and projected demand put on our existing stores



The chart below indicates the increased demand put on our current system by bottles sold per associate hour.



With no additional stores built to take away the from the increased demand the current stores with become less efficient and offer a lower level of customer service.

Feasibility/Planning:

Additional stores always help the DABC to more easily meet demand for alcoholic beverages.

The department has seen significant increases in sales when new stores have come online in the past. We believe that increases are partially the result of increased floor sales area with a commensurate increase in products displayed, better parking, and usually better site location and visibility.

The possibility of a project in the Farmington market area is in its infancy. We are reaching out to the surrounding municipalities to gauge their openness to a DABC facility.

○

State System of Higher Education, Additional Statutory Required Information:

As require in Title 63A-5-104 (2) (b)(iii) that an institution described in Section [53B-1-102](#) that submits a request for a capital development project address whether and how, as a result of the project, the institution will:

- (A) *offer courses or other resources that will help meet demand for jobs, training, and employment in the current market and the projected market for the next five years;*
 - *Describe*

- (B) *respond to individual skilled and technical job demand over the next 3, 5, and 10 years;*
 - *Describe*

(C) respond to industry demands for trained workers;

- Describe

(D) help meet commitments made by the Governor's Office of Economic Development, including relating to training and incentives;

- Describe

(E) respond to changing needs in the economy; and

- Describe

(F) based on demographics, respond to demands for on-line or in-class instruction;

- Describe

Capital Development Modifications After Deadline:

Title 63A-5-104 (2) (c)

(c) An agency may not modify a capital development project request after the deadline for submitting the request, except to the extent that a modification of the scope of the project, or the amount of funds requested, is necessary due to increased construction costs or other factors outside of the agency's control.

Non- State Funded Without O&M:

Title 63A-5-104 (3)

(3) (a) Except as provided in Subsections (3)(b), (d), and (e), a capital development project may not be constructed on state property without legislative approval.

(b) Legislative approval is not required for a capital development project that consists of the design or construction of a new facility if:

(i) the State Building Board determines that the requesting state agency has provided adequate assurance that state funds will not be used for the design or construction of the facility;

(ii) the state agency provides to the State Building Board a written document, signed by the head of the state agency:

(A) stating that funding or a revenue stream is in place, or will be in place before the project is completed, to ensure that increased state funding will not be required to cover the cost of operations and maintenance to the resulting facility for immediate or future capital improvements; and

(B) detailing the source of the funding that will be used for the cost of operations and maintenance for immediate and future capital improvements to the resulting facility; and

(iii) the State Building Board determines that the use of the state property is:

(A) appropriate and consistent with the master plan for the property; and

(B) will not create an adverse impact on the state.

Land Bank Acquisition Requests:

Requests for purchase of land from funds to be appropriated by the State Legislature for future use by an agency or institution will be evaluated based upon approved programmatic planning and facilities master plan requirements of the agencies and institutions.

General Considerations - *Provide detail for the following considerations that will be taken into account in evaluation of these requests.*

- *Location and description of the property including any existing permanent structures.*
- *Current availability of the land and “time sensitivity” of the window of opportunity for its purchase.*
- *Intended use of the land and its relative importance in the context of the agency or institutions role and mission assignment and strategic plan for the future.*
- *Suitability of the property for the intended use (ingress/egress, proximity of utilities, percentage of buildable area, geo-technical, etc. where applicable).*
- *Reasonableness of cost as determined by an appraisal or other reasonable estimate of the value of the land.*
- *Condition of the land, including the potential liability of the institution pertaining to clearing the property, potential existence of hazardous waste, greenhouse gas emissions, etc.*
- *Condition and potential use of existing structures, if any.*

UCAT Statutory Requirements - *State statute specifies that the State Building Board must determine that the requirements of UCA 53B-2a-112 have been met before it may consider a funding request from the Utah College of Applied Technology pertaining to new capital facilities and land purchases. UCAT requests for such purchases should describe in detail how each of these statutory requirements have been met including:*

inclusion of letters from school districts stating that they do not have space available for UCAT use; an inventory/utilization report of the current UCAT space; a summary of the ATE programs being offered by the college campuses in the UCAT area and copies of current cooperative agreements or a summary of efforts to develop such agreements.

Photographs and Maps:

Please see the attached study for mapping (Page 28)

Scoring Analysis for Building Board Request Evaluation Guide:

Please provide the following justification to aid the Building Board and DFCM in applying the attached Capital Development Request Evaluation Guide.

1. **Existing Building Deficiencies and Life Safety Concerns**

If the request involves the renovation or replacement of an existing state owned facility, provide a summary (one page maximum) of critical life safety and other deficiencies in the existing facility. Address the potential impact and probability of occurrence of life safety deficiencies. Coordinate with assigned DFCM staff to identify the extent to which the project addresses documented deficiencies in the existing facility. Document the extent of existing nonfunctional or dilapidated space.

2. **Essential Program Growth**

Summarize demographic data which justifies the scope of the project including any increased space requested. Document the extent of any existing shortages of space. Attach the source and date of demographic data. Examples of demographic data that may be used include workload, enrollment, and population changes.

3. **Cost Effectiveness**

If an alternative approach is being suggested that is less costly than a standard approach, demonstrate the immediate and long term savings of the alternative approach. Conversely, if a more expensive cost approach is being suggested explain why.

4. **Project Need: Improved Program Effectiveness and Support of Critical Programs/Initiatives**

Demonstrate how the requested project will improve the effectiveness and/or capacity of the associated program(s) and thereby improve the delivery of services. Demonstrate the criticality of the program or initiative that will be supported by the requested project. Demonstrate how the requested project supports a critical state program or initiative.

5. **Alternative Funding Sources**

Document, by category, the amount of alternative funding that is in hand, the amount for which enforceable commitments have been obtained, and any additional amount for which alternative funding is being sought. With the exception of donations, identify any timing constraints associated with the alternative funding.

5-Year Plan

Project #1: Add new store in Riverton Market area. The southwest area of Salt Lake County has had an will continue to have a significant population growth. The addition of an additional store in this area can serve multiple market areas. (See page 25 of our Master planning study)
Estimated Project Cost: 5.4 MM

Project #2: Add new store in the Farmington Market area. A strategically located store in this area, perhaps near Farmington or Kaysville, could serve both markets (see page 27 of Master Planning Study)
Estimated Project Cost: 5.4 MM

Project #3: Add new store in Pleasant Grove area. Adding a store on the northwest side of Utah lake could better serve the market areas currently served by stores 44 (pleasant Grove), 40 (Riverton), and 31 (Draper). This area is expected to have significant population growth through 2030 and beyond.
Estimated Project Cost: 5.4 MM

Project #4: Add new store in Sandy Market area. A store strategically placed in the area could serve multiple market areas. If placed further west, it could help serve stores 9 (Murray), 26 (Taylorsville), or 40 (Riverton), while a store placed further east could also serve store 15 in Cottonwood Heights, which is 12 in the priority list, and potentially store 31 in Draper.
Estimated Project Cost: 5.4 MM

Project #5: Add a new store/club store in the Harrisville – Ogden area. Growth in northern Weber County could warrant an additional store in the Harrisville market area. Potential locations for an additional store could include near Farr West, Pleasant View or North Ogden as well as in Ogden.
Estimated Project Cost: 5.4 MM

Capital Development Projects

Capital Budget Estimate (CBE)

Project Name:	FARMINGTON LIQUOR STORE		
Agency/Institution:	DABC		
Project Manager:	Mueller		
Cost Summary			
	\$ Amount	Cost Per SF	Notes
Facility Cost	\$ 2,817,085	\$207.14	
Utility Fee Cost	\$ 56,288	\$4.14	
Additional Construction Cost	\$ 191,378	\$14.07	
Site Cost	\$ -	\$0.00	
High Performance Building	\$ 45,971	\$3.38	
Total Construction Cost	\$ 3,110,722	\$228.73	
Soft Costs:			
Hazardous Materials	\$ 126,000		
Pre-Design/Planning	\$ 42,441		
Design	\$ 219,352		
Property Acquisition	\$ 1,500,000		
Furnishings & Equipment	\$ 108,000		
Information Technology:	\$ 7,000		
Utah Art (1% of Construction Budget)	\$ 31,107		
Testing & Inspection	\$ 35,000		
Contingency	\$ 151,947		
Moving/Occupancy	\$ -		
Builder's Risk Insurance (0.15% of Construction Budget)	\$ 4,666		
Legal Services (0.05% of Construction Budget)	\$ 1,555		
DFCM Management	\$ 40,000		
User Fees	\$ -		
Commissioning	\$ 34,000		
Other Costs	\$ 40,000		
Total Soft Costs	\$ 2,341,068	\$172.14	
TOTAL PROJECT COST	\$ 5,451,791	\$400.87	
Previous Funding	\$ -		State and Agency
Other Funding Sources (Identify in note)	\$ 5,451,791		
REQUEST FOR STATE FUNDING	\$ (0)		
Project Information			
Gross Square Feet	13,600	Base Cost Date	23-Sep-16
Net Square Feet	12,240	Estimated Bid Date	30-Mar-19
Net/Gross Ratio	90%	Est. Completion Date	30-Nov-19
		Last Modified Date	23-Sep-16
		Print Date	12/5/2016



Gary R. Herbert
Governor

Utah State Building Board

3120 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3010
Fax (801) 538-3844

MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 2016
Subject: **DFCM: Utah State University State Facility Energy Efficiency Fund Loan Application**
Presenter: Jeff Wrigley, DFCM Project Manager

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. DFCM recommends that the Building Board review the request from Utah State University. 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 Utah State University. Utah State University is requesting a loan in the amount of \$300,000.00. The funds will be used to install energy efficient lighting across 7 facilities. The payback for this project will be 5.2 years. The estimated loan repayment schedule will begin by the end of 2017. There is a solid plan for M&V on this project using Option A from the International Performance Measurement and Verification Protocol (IPMVP). The project will result in significant energy savings and cost savings.

Attachment:
Loan application and supporting documentation

State of Utah

State Facility Energy Efficiency Fund Loan Application

A. State Agency:

Utah State University

B. Building names & locations:

USU Equine Center – 3580 South, US-89, Wellsville, UT
 USU Moab Bldgs. A & B – 125 West 200 South, Moab, UT
 USU Uintah Basin Education Center 987 E Lagoon St, Roosevelt, UT
 USU Merrill Library – 3000 Old Main Hill, Logan, UT
 USU Tooele Classroom Bldg. – 1021 W. Vine St, Tooele, UT
 USU BEERC – 320 N Aggie Blvd, Vernal, UT

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

All buildings with proposed projects are used year round for a variety of educational purposes. Some contain chemical laboratories (BEERC), faculty office space, classrooms, conference rooms, library, and an indoor horse area for equine education.

Equine Center – 43,279 sq. ft.
 Moab Bldg. A – 7,118 sq. ft.
 Moab Bldg. B - 5,726 sq. ft.
 Uintah Basin Education Bldg. – 21,911 sq. ft.
 Merrill Library – 267,120 sq. ft.
 Tooele Classroom Bldg. – 34,314 sq. ft.
 BEERC – 63,981 sq. ft.

D. Existing building systems and energy usage:

Lighting in the current buildings consists of T-8 fluorescents, metal halide, and compact fluorescents. The change in lighting will reduce the lighting electrical usage by more than 50%.

E. Project Description:

Eligible Measure / Materials to be installed	Estimated Cost of Measure	Projected Annual Energy Savings	Projected Annual Cost Savings
BEERC Lighting	\$65,650	131,068 kWh Annually – 26 kW	\$9,316
Tooele Lighting	\$44,300	88,538 kWh Annually – 19 kW	\$6,678
Moab Bldg. A Lighting	\$13,500	26,048 kWh Annually – 7 kW	\$2,532
Moab Bldg. B Lighting	\$14,000	20,850 kWh Annually – 5 kW	\$1822
Equine Center Lighting	\$59,762	145,597 kWh Annually – 22 kW	\$9,348
Merrill Library Lighting	\$88,600	266,559 kWh Annually – 44 kW	\$16,163
Uintah Basin Education Bldg. Lighting	\$13,620	81,503 kWh Annually - 11 kW	\$3,613
TOTAL	\$299,432	760,163 kWh Annually - 134 kW	\$49,472

F. Rebates and Incentives:

Provider and type of rebate or incentive	Estimated Amount of incentive
Questar Gas	
Rocky Mountain Power	\$40,579.36
TOTAL	

G. Payback

After the Rocky Mountain Power incentives, the total project costs come to \$258,853. With an annual savings of \$49,472 the payback would be approximately 5.2 years.

H. Description of energy costs savings measurement and verification:

Option A, from the International Performance Measurement and Verification Protocol (IPMVP), will be utilized. Local measurements will be taken of the power draw from the baseline and retrofit light fixtures to validate savings. Energy savings will be calculated as the difference in power draw multiplied by the operating hours.

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:

The method referred to in section H. describes efforts that will be taken to ensure expected savings are achieved. Utility bills will be monitored to validate savings, if bills do not reflect anticipated savings, scheduling will be validated through the usage of available occupancy data loggers.

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

In addition to the reduced energy consumption at each of the facilities, maintenance over the next eight to fifteen years will be greatly reduced as LED fixtures, ballasts, and lamps will be installed. The high bay and exterior LED fixtures that will replace metal halide lighting are rated for 80,000 hours compared to metal halide bulb life of approximately 15,000 hours. The instant fit lamps have a life of 50,000 hours compared to 36,000 hours for traditional T-8 fluorescent lamps. This will have noticeable impacts on maintenance budgets for these facilities.

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

Estimated costs:	\$ 300,000
Other funds to be used on project:	\$ 40,600
Total proposed loan amount:	\$ 300,000

L. Attachments

BEERC (Support Documentation)



**ROCKY MOUNTAIN
POWER**

Let's turn the answers on.

V 031016.2

Utah
wattsmart[®] Business

03/10/16 Effective Date

You Can Now Use The Project Information Tab

Project ID	UTA.126
Lighting Coordinator	
Tool Prepared by	Nexant
Project Manager	Mike Peterson
Account Manager	

Project Site Information

Project Name	USU Vernal BEERC		
Business Name	Utah State University		
Installation Address	320 North Aggie Blvd		
City, State, Zip	Vernal	UT	84078
Contact, Title	John Chase	Campus Manager	
Phone, Email	(435) 797-3126	john.chase@usu.edu	
Account, Meter, Rate	534285860027	36160705	6
Participant is:	<input checked="" type="checkbox"/> Acct Holder <input checked="" type="checkbox"/> Elect. User <input type="checkbox"/> Building Owner		
Business Type	School - University		

Coordinating Contractor Information

Contact	<input type="checkbox"/> wattsmart Business vendor		
Business Name			
Address			
City, State, Zip			
Phone, Email			

Payee Information

Incentive Should Be Addressed To:			
Business Name			
Attention			
Check Reference			
Address			
City, State, Zip			

Customer Information (As Shown On Tax Forms)

Business Name			
Address			
City, State, Zip			
Office Use Only			

Processing Information

Construction Type	Retrofit	Stage	Preliminary
-------------------	----------	-------	-------------

Project Cost

Material	Labor	Other	Total Project Cost
\$37,000.00	\$28,650.00	\$0.00	\$65,650.00

Space Type & Size

Calculation Method	Whole Building	Allowed Wattage	102,000	
1 School/University		FT ² 85,000	1.20	W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
School/University		FT ² 85,000	1.20	W/FT ²

Lighting Operation Schedule

# of Holidays Closed?	Day	A	B	C	D	E
8	Mon	16.0	12.0	9.0	4.0	2.0
Op Weeks Per Year	Tue	16.0	12.0	9.0	4.0	2.0
	Wed	16.0	12.0	9.0	4.0	2.0
Add/Edit Seasonal Schedule	Thu	16.0	12.0	9.0	4.0	2.0
	Fri	16.0	12.0	9.0	4.0	2.0
	Sat	6.0	6.0	4.0	2.0	1.0
S is for 0 hrs/year	Sun	0.0	0.0	0.0	0.0	0.0
X is for 8760 hrs/year	Total	4,386	3,366	2,499	1,122	561
Y is for 4380 hrs/year						

Additional Information

Import Existing Project	wattsmart Business Participant Info	Email Coordinator	Lighting Catalog	LED Policy	Report A Problem
-------------------------	-------------------------------------	-------------------	------------------	------------	------------------



Let's turn the answers on.

V 031016.2

Viewing The Preliminary Stage

Utah
wattsmart[®] Business

03/10/16 Effective Date

Project ID	UTA.126
Lighting Coordinator	
Lighting Tool Prepared by	Nexant

Customer Information

Project	USU Vernal BEERC
Company	Utah State University
Customer Contact	John Chase

Total Savings

Stipulated Wattage Actual Wattage

Stipulated Wattage	Lighting	kWh/Year	Avg kW/Month	\$ Savings/Year
		Control	131,068	25.80
	Total	0	0.00	\$0.00
		131,068	25.80	\$9,316.27

Project Costs

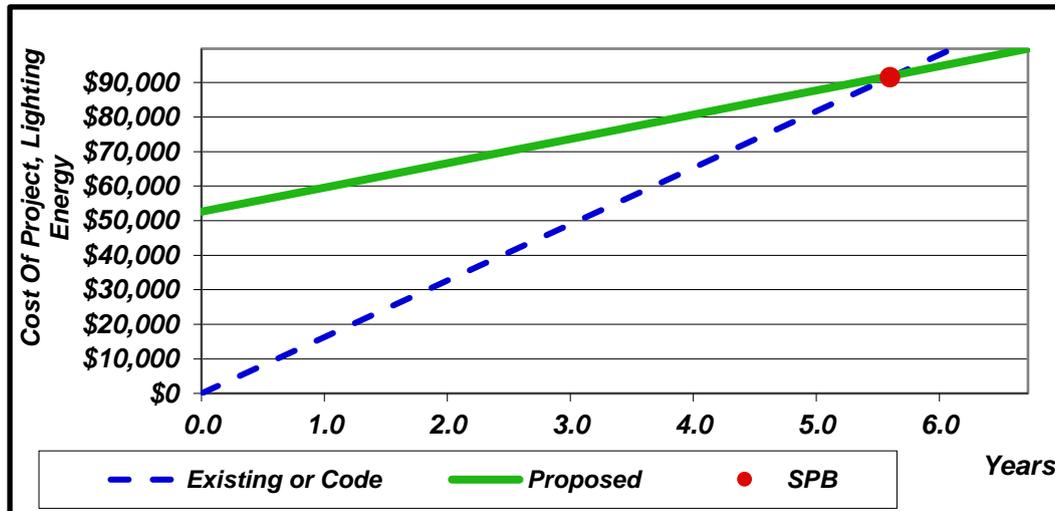
Total Cost	\$65,650.00	Lighting	\$13,038.80
Total Incentive	\$13,038.80	Controls	\$0.00
20% Of Cost Paid By Incentive		Incentive	\$13,038.80
Net Project Cost	\$52,611	Full Incentive	

Project Detail

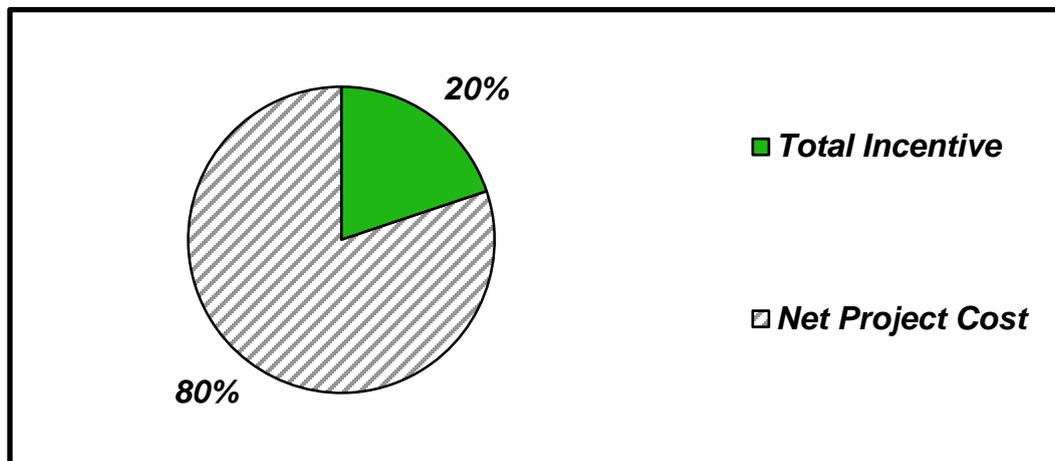
73% Better Than Code LPD (w/ft ²)			73% Better Than Code Operation Cost/Yr		
Existing	Code	Proposed	Existing	Code	Proposed
0.75	1.20	0.32	\$16,334	\$25,833	\$7,017

Simple Payback (Without Incentive)	7.0 Yrs	Simple Rate Of Return (Without Incentive)	14%
Simple Payback (With Incentive)	5.6 Yrs	Simple Rate Of Return (With Incentive)	18%

Cost of Project and Lighting Energy Usage Over Time



Percent of Initial Project Cost



The incentive and energy savings above are estimates only. This tool is designed to calculate savings and incentives for wattsmart Business lighting projects.

For wattsmart Business Lighting projects, lighting incentives are capped at 70% of eligible energy efficiency project costs, and the minimum simple payback (with incentive) for the project is one year. If needed, incentives will be decreased to reflect a one-year payback. The simple payback with incentive is the net project cost divided by the annual electric cost savings (dollar savings). For wattsmart Small Business Lighting projects, lighting retrofit incentives are capped at 80%.

Stipulated vs. Actual wattage – This tool has two calculation methods to distinguish between actual and stipulated wattages. There will only be a difference between actual and stipulated if the existing fixtures are impacted by efficacy standards (e.g. general service fluorescent and incandescent). Results from either calculation can be viewed by selecting “Stipulated wattage” or “Actual wattage.” Incentive calculations and 1-year simple payback cap are always based on stipulated wattage.

To receive an incentive you MUST sign an Incentive Offer before purchasing equipment.

52	B	class 133	FLT8-32W x 3L x 4'-IS N	8	85	680	CUST: LEDT-12.5W	24	12.5	300	56%		\$127.90	\$0.10/kWh Saved	
53	B	Biology lab 122	FLT8-32W x 3L x 4'-IS N	21	85	1,785	CUST: LEDT-12.5W	63	12.5	788	56%		\$335.80	\$0.10/kWh Saved	
54	B	Lab prep 120A	FLT8-32W x 2L x 4'-IS N	4	58	232	CUST: LEDT-12.5W	8	12.5	100	57%		\$44.40	\$0.10/kWh Saved	
55	B	Biology lab 120	FLT8-32W x 3L x 4'-IS N	21	85	1,785	CUST: LEDT-12.5W	63	12.5	788	56%		\$335.80	\$0.10/kWh Saved	
56	C	Instrument prep 118	FLT8-32W x 2L x 4'-IS N	8	58	464	CUST: LEDT-12.5W	16	12.5	200	57%		\$66.00	\$0.10/kWh Saved	
57	C	Registration 116	FLT8-32W x 3L x 4'-IS N	8	85	680	CUST: LEDT-12.5W	24	12.5	300	56%		\$95.00	\$0.10/kWh Saved	
58	A	Hall adjacent 116	FLT8-32W x 3L x 4'-IS N	3	85	255	CUST: LEDT-12.5W	9	12.5	113	56%		\$62.50	\$0.10/kWh Saved	
59	B	Reception 117	FCP-26W-IS N	1	28	28	LEDDL-10W	1	10	10	64%		\$6.10	\$0.10/kWh Saved	
60	B	Reception 117	FLT8-32W x 3L x 4'-IS N	4	85	340	CUST: LEDT-12.5W	12	12.5	150	56%		\$64.00	\$0.10/kWh Saved	
61	C	Advisor 117A/B	FLT8-32W x 3L x 4'-IS N	4	85	340	CUST: LEDT-12.5W	12	12.5	150	56%		\$47.50	\$0.10/kWh Saved	
62	C	Dean 117 C	FLT8-32W x 3L x 4'-IS N	4	85	340	CUST: LEDT-12.5W	12	12.5	150	56%		\$47.50	\$0.10/kWh Saved	
63	C	Conf. 117D	FLT8-32W x 3L x 4'-IS N	2	85	170	CUST: LEDT-12.5W	6	12.5	75	56%		\$23.70	\$0.10/kWh Saved	
64	C	Conf. 117D	FCP-26W-IS N	6	28	168	LEDDL-10W	6	10	60	64%		\$27.00	\$0.10/kWh Saved	
65	C	Work 117E	FLT8-32W x 2L x 4'-IS N	2	58	116	CUST: LEDT-12.5W	4	12.5	50	57%		\$16.50	\$0.10/kWh Saved	
66	B	class 119	FLT8-32W x 3L x 4'-IS N	6	85	510	CUST: LEDT-12.5W	18	12.5	225	56%		\$95.90	\$0.10/kWh Saved	
67	B	class 121	FLT8-32W x 3L x 4'-IS N	6	85	510	CUST: LEDT-12.5W	18	12.5	225	56%		\$95.90	\$0.10/kWh Saved	
68	B	class 123	FLT8-32W x 3L x 4'-IS N	6	85	510	CUST: LEDT-12.5W	18	12.5	225	56%		\$95.90	\$0.10/kWh Saved	
69	B	class 125	FLT8-32W x 3L x 4'-IS N	6	85	510	CUST: LEDT-12.5W	18	12.5	225	56%		\$95.90	\$0.10/kWh Saved	
70	B	class 127	FLT8-32W x 3L x 4'-IS N	9	85	765	CUST: LEDT-12.5W	27	12.5	338	56%		\$143.90	\$0.10/kWh Saved	
71	B	class 129	FLT8-32W x 3L x 4'-IS N	9	85	765	CUST: LEDT-12.5W	27	12.5	338	56%		\$143.90	\$0.10/kWh Saved	
72	A	Open Foyer wall	FLT5HO-54W x 2L x 4'-RS/PRS H	9	117	1,053	FLT5HO-54W x 2L x 4'-RS/PRS H	9	117	1,053	LED Fixture replacement (no recommendation)	0%		\$0.00	New Fixture Not Installed
73	X	Stairs/hall EM	FCM-18W-IS N	9	18	162	LEDDL-8W	9	8	72	56%		\$78.80	\$0.10/kWh Saved	
74	A	2nd floor halls	FCM-18W-IS N	13	18	234	LEDDL-8W	13	8	104	56%		\$57.00	\$0.10/kWh Saved	
75	X	2nd floor Halls EM	FLT8-17W x 4L x 2'-IS N	26	61	1,586	CUST: LEDT-7.5W	78	7.5	585	63%		\$876.90	\$0.10/kWh Saved	
76	A	2nd floor halls	FLT8-17W x 4L x 2'-IS N	34	61	2,074	CUST: LEDT-7.5W	102	7.5	765	63%		\$574.10	\$0.10/kWh Saved	
77	A	2nd floor restrooms	FCP-26W-IS N	6	28	168	LEDDL-10W	6	10	60	64%		\$47.40	\$0.10/kWh Saved	
78	A	2nd floor restrooms	FLT8-32W x 2L x 4'-IS N	12	58	696	CUST: LEDT-12.5W	24	12.5	300	57%		\$173.70	\$0.10/kWh Saved	
79	D	Janitor 203	FLT8-32W x 2L x 4'-IS N	1	58	58	CUST: LEDT-12.5W	2	12.5	25	57%		\$3.70	\$0.10/kWh Saved	
80	D	Mech 205	FLT8-32W x 2L x 4'-IS N	15	58	870	CUST: LEDT-12.5W	30	12.5	375	57%		\$55.50	\$0.10/kWh Saved	
81	D	Storage 206	FLT8-32W x 2L x 4'-IS N	9	58	522	CUST: LEDT-12.5W	18	12.5	225	57%		\$33.30	\$0.10/kWh Saved	
82	E	Server rm 202	FLT8-32W x 2L x 4'-IS N	6	58	348	CUST: LEDT-12.5W	12	12.5	150	57%		\$11.10	\$0.10/kWh Saved	
83	D	Op Center 201	FLT8-32W x 2L x 4'-IS N	6	58	348	CUST: LEDT-12.5W	12	12.5	150	57%		\$22.20	\$0.10/kWh Saved	
84	C	Mail 221D	FLT8-32W x 2L x 4'-IS N	3	58	174	CUST: LEDT-12.5W	6	12.5	75	57%		\$24.70	\$0.10/kWh Saved	
85	C	Open office 221	FLT8-32W x 3L x 4'-IS N	24	85	2,040	CUST: LEDT-12.5W	72	12.5	900	56%		\$284.90	\$0.10/kWh Saved	
86	C	2nd floor offices (x13)	FLT8-32W x 2L x 4'-IS N	26	58	1,508	CUST: LEDT-12.5W	52	12.5	650	57%		\$214.40	\$0.10/kWh Saved	
87	D	2nd floor conference	FCM-42W-IS N	10	42	420	CUST: LEDT-12.5W	10	12.5	125	70%		\$33.10	\$0.10/kWh Saved	
88	C	2nd floor conference	FLT8-32W x 3L x 4'-IS N	4	85	340	CUST: LEDT-12.5W	12	12.5	150	56%		\$47.50	\$0.10/kWh Saved	
89	B	Bio Research lab 222	FLT8-32W x 3L x 4'-IS N	33	85	2,805	CUST: LEDT-12.5W	99	12.5	1,238	56%		\$527.60	\$0.10/kWh Saved	
90	C	Lab support 222	FLT8-32W x 2L x 4'-IS N	4	58	232	CUST: LEDT-12.5W	8	12.5	100	57%		\$33.00	\$0.10/kWh Saved	
91	E	Data 226	FLT8-32W x 2L x 4'-IS N	1	58	58	CUST: LEDT-12.5W	2	12.5	25	57%		\$1.90	\$0.10/kWh Saved	
92	E	Elec 228	FLT8-32W x 2L x 4'-IS N	1	58	58	CUST: LEDT-12.5W	2	12.5	25	57%		\$1.90	\$0.10/kWh Saved	
93	B	shared equip 230	FLT8-32W x 2L x 4'-IS N	6	58	348	CUST: LEDT-12.5W	12	12.5	150	57%		\$66.60	\$0.10/kWh Saved	
94	B	Herbarium 234	FLT8-32W x 3L x 4'-IS N	8	85	680	CUST: LEDT-12.5W	24	12.5	300	56%		\$127.90	\$0.10/kWh Saved	
95	D	Coolers 230A	FLT8-32W x 2L x 4'-IS N	2	58	116	CUST: LEDT-12.5W	4	12.5	50	57%		\$7.40	\$0.10/kWh Saved	
96	B	Shelled Lab 236	FLT8-32W x 3L x 4'-IS N	14	85	1,190	CUST: LEDT-12.5W	42	12.5	525	56%		\$223.80	\$0.10/kWh Saved	
97	B	Interaction Space 238	FLT8-32W x 3L x 4'-IS N	14	85	1,190	CUST: LEDT-12.5W	42	12.5	525	56%		\$223.80	\$0.10/kWh Saved	
98	B	Electronics shop 220	FLT8-32W x 3L x 4'-IS N	10	85	850	CUST: LEDT-12.5W	30	12.5	375	56%		\$159.90	\$0.10/kWh Saved	
99	B	Chem Research lab 218	FLT8-32W x 3L x 4'-IS N	28	85	2,380	CUST: LEDT-12.5W	84	12.5	1,050	56%		\$447.70	\$0.10/kWh Saved	
100	B	Open lab 216	FLT8-32W x 3L x 4'-IS N	8	85	680	CUST: LEDT-12.5W	24	12.5	300	56%		\$127.90	\$0.10/kWh Saved	
101	C	TA Prep 212	FLT8-32W x 2L x 4'-IS N	3	58	174	CUST: LEDT-12.5W	6	12.5	75	57%		\$24.70	\$0.10/kWh Saved	
102	C	Chem Prep 218A	FLT8-32W x 2L x 4'-IS N	3	58	174	CUST: LEDT-12.5W	6	12.5	75	57%		\$24.70	\$0.10/kWh Saved	
103	B	Computer Lab 213	FLT8-32W x 3L x 4'-IS N	24	85	2,040	CUST: LEDT-12.5W	72	12.5	900	56%		\$383.70	\$0.10/kWh Saved	
104	B	Natural resource instrument lab 215	FLT8-32W x 3L x 4'-IS N	20	85	1,700	CUST: LEDT-12.5W	60	12.5	750	56%		\$319.80	\$0.10/kWh Saved	
105	C	Lab Support 215A	FLT8-32W x 2L x 4'-IS N	3	58	174	CUST: LEDT-12.5W	6	12.5	75	57%		\$24.70	\$0.10/kWh Saved	
106	B	Geology Lab 217	FLT8-32W x 3L x 4'-IS N	12	85	1,020	CUST: LEDT-12.5W	36	12.5	450	56%		\$191.90	\$0.10/kWh Saved	
107	+ X	Condenser wallpacks	FCP-32W-IS N	2	35	70	LEDWP-12W	2	12	24	66%		\$32.24	\$0.08/kWh Saved	
108				955											
109															
110			Ballasts Required	823											
111															
112															
113															

Tooele Classroom (Support Documentation)



**ROCKY MOUNTAIN
POWER**

Let's turn the answers on.

V 031016.2

Utah
wattsmart[®] Business
03/10/16 Effective Date

You Can Now Use The Project Information Tab

Project ID	UTA.125
Lighting Coordinator	
Tool Prepared by	Nexant
Project Manager	Mike Peterson
Account Manager	

Project Site Information

Project Name	Tooele Campus Lighting		
Business Name	USU		
Installation Address	1021 W. Vine Street		
City, State, Zip	Tooele	UT	84074
Contact, Title	John Chase	Regional manager	
Phone, Email			
Account, Meter, Rate			6
Participant is:	<input checked="" type="checkbox"/> Acct Holder <input checked="" type="checkbox"/> Elect. User <input checked="" type="checkbox"/> Building Owner		
Business Type	School - University		

Coordinating Contractor Information

Contact		<input type="checkbox"/> wattsmart Business vendor
Business Name		
Address		
City, State, Zip		
Phone, Email		

Payee Information

Incentive Should Be Addressed To:			
Business Name			
Attention			
Check Reference			
Address			
City, State, Zip			

Customer Information (As Shown On Tax Forms)

Business Name			
Address			
City, State, Zip			
Office Use Only			

Processing Information

Construction Type	Retrofit	Stage	Preliminary
-------------------	----------	-------	-------------

Project Cost

Material	Labor	Other	Total Project Cost
\$26,000.00	\$18,000.00	\$0.00	\$44,000.00

Space Type & Size

Calculation Method	Whole Building	Allowed Wattage	21,600		
1 School/University		FT ²	18,000	1.20	W/FT ²
		FT ²			W/FT ²
		FT ²			W/FT ²
		FT ²			W/FT ²
		FT ²			W/FT ²
School/University		FT ²	18,000	1.20	W/FT ²

Lighting Operation Schedule

# of Holidays Closed?	Day	A	B	C	D	E
8	Mon	14.5	10.0	8.0	2.0	
Op Weeks Per Year	Tue	14.5	10.0	8.0	2.0	
52	Wed	14.5	10.0	8.0	2.0	
Add/Edit Seasonal Schedule S is for 0 hrs/year X is for 8760 hrs/year Y is for 4380 hrs/year	Thu	14.5	10.0	8.0	2.0	
	Fri	12.0	8.0	6.0	2.0	
	Sat	4.0	4.0	2.0	1.0	
	Sun	0.0	0.0	0.0	0.0	
	Total		3,774	2,652	2,040	561

Additional Information

Import Existing Project	wattsmart Business Participant Info	Email Coordinator	Lighting Catalog	LED Policy	Report A Problem
-------------------------	-------------------------------------	-------------------	------------------	------------	------------------



Let's turn the answers on.

V 031016.2

Viewing The Preliminary Stage

Utah
wattsmart[®] Business

03/10/16 Effective Date

Project ID	UTA.125
Lighting Coordinator	
Lighting Tool Prepared by	Nexant

Customer Information

Project	Tooele Campus Lighting		
Company	USU		
Customer Contact	John Chase		

Total Savings

Stipulated Wattage Actual Wattage

Stipulated Wattage	Lighting	kWh/Year	Avg kW/Month	\$ Savings/Year
		Control	88,538	19.80
	Total	0	0.00	\$0.00
		88,538	19.80	\$6,678.33

Project Costs

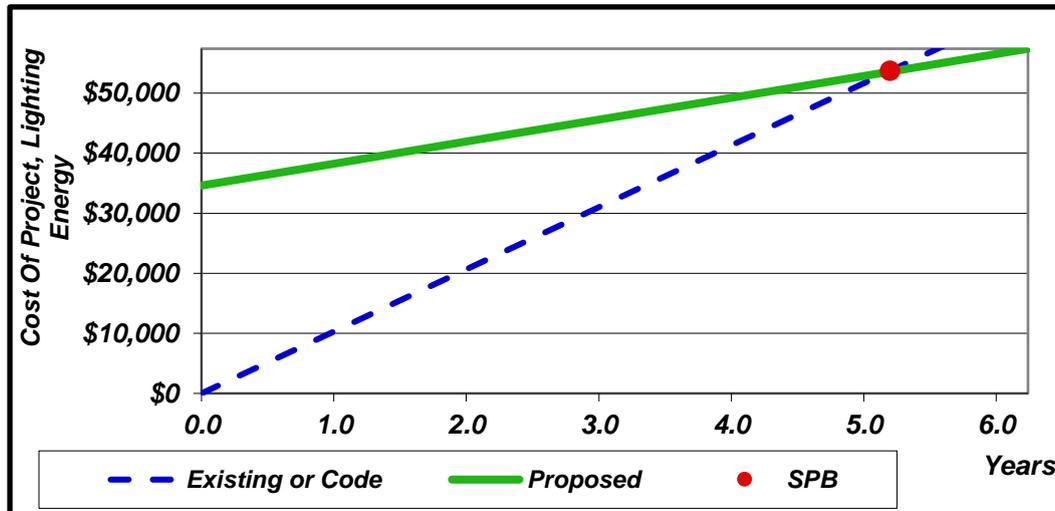
Total Cost	\$44,000.00	Lighting	\$9,384.70
Total Incentive	\$9,384.70	Controls	\$0.00
21% Of Cost Paid By Incentive		Incentive	\$9,384.70
Net Project Cost	\$34,615	Full Incentive	

Project Detail

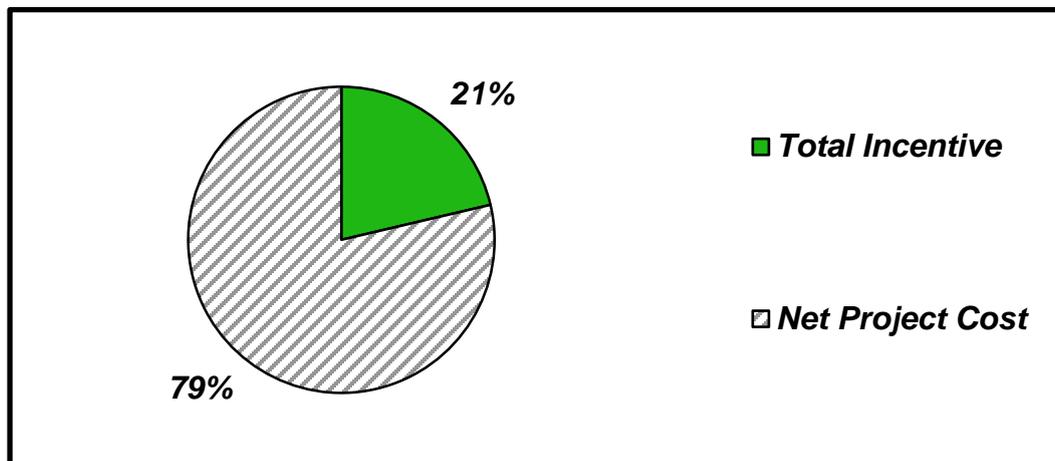
28% Better Than Code LPD (w/ft ²)			28% Better Than Code Operation Cost/Yr		
Existing	Code	Proposed	Existing	Code	Proposed
2.41	1.20	0.87	\$10,329	\$5,064	\$3,650

Simple Payback (Without Incentive)	6.6 Yrs	Simple Rate Of Return (Without Incentive)	15%
Simple Payback (With Incentive)	5.2 Yrs	Simple Rate Of Return (With Incentive)	19%

Cost of Project and Lighting Energy Usage Over Time



Percent of Initial Project Cost



The incentive and energy savings above are estimates only. This tool is designed to calculate savings and incentives for wattsmart Business lighting projects.

For wattsmart Business Lighting projects, lighting incentives are capped at 70% of eligible energy efficiency project costs, and the minimum simple payback (with incentive) for the project is one year. If needed, incentives will be decreased to reflect a one-year payback. The simple payback with incentive is the net project cost divided by the annual electric cost savings (dollar savings). For wattsmart Small Business Lighting projects, lighting retrofit incentives are capped at 80%.

Stipulated vs. Actual wattage – This tool has two calculation methods to distinguish between actual and stipulated wattages. There will only be a difference between actual and stipulated if the existing fixtures are impacted by efficacy standards (e.g. general service fluorescent and incandescent). Results from either calculation can be viewed by selecting “Stipulated wattage” or “Actual wattage.” Incentive calculations and 1-year simple payback cap are always based on stipulated wattage.

To receive an incentive you MUST sign an Incentive Offer before purchasing equipment.

Category	LED	24W - LEDDL-24W 24W - LEDFL-24W 24W - LEDPM-24W 24W - LEDSI-24W 24W - LEDSMC-24W 24W - LEDWP-24W	<input type="button" value="Add Fixture"/> <input type="button" value="Remove Fixture"/> <input type="button" value="Clear Filter"/> <input type="button" value="Build Fixture"/> <input type="button" value="Reset"/>		18W - LEDWP-18W 15W - CUST: TLED LT8-15W - RL 30W - CUST: TLED LT8-15W x 2L - RL 45W - CUST: TLED LT8-15W x 3L - RL 60W - CUST: TLED LT8-15W x 4L - RL 32W - CUST: TLED UT8-16W x 2L - RL 30W - CUST: TLED LT8-15W x 2L - RL 24W - CUST: TLED LT8-12W x 2L - ReL 36W - CUST: TLED LT8-12W x 3L - ReL 48W - CUST: TLED LT8-12W x 4L - ReL 12W - CUST: TLED LT8-12W - ReL	Incentive		<p>Let's turn the answers on.</p> <p>↓ ↓ Project Tracking ↓ ↓</p> <p>Preliminary</p> <p>Pre-Inspection</p> <p>Incentive Offer Needed</p> <p>Contracted</p> <p>Post-Inspection</p> <p>Final Review Needed</p>	<p>64%</p>	<p>\$0.00</p>	<p>\$9,384.70</p>	<p>LT Incentive Type</p>							
Fixture					Savings Information														
Lamp						Lighting Power Density													
Lamp (W)	24					1.20	Code						27.9%						
Lamp Qty						2.41	Existing						Better Than Code						
Ballast						0.87	Proposed						LPD (w/ft²)						
Factor																			
Stipulated Wattage		24W - CUST: TLED LT8-12W x 2L - ReL				Custom Fixture		Missing/Incorrect Information On Line 18											
Preliminary												UTA.125 Tooele Campus Lighting							
Line Number	Exterior	Schedule	Space Description	Existing				Proposed				Lighting Power Density	Final Review Needed	↓ ↓ Project Notes ↓ ↓	64%	CTRL \$\$\$	LT \$\$\$	LT Incentive Type	
				Qty	Controls	Fixture Wattage	Space Wattage	Qty	Controls	Fixture Wattage	Space Wattage								
1	Y		Ext Pole	13		295	3,835	13		70	910								
2	Y		Ext Wallpack	1		79	79	1		18	18								
3	Y		Ext Wallpack	11		112	1,232	11		18	198								
4	Y		Ext vestibule/soffit	24		16	384	24		10	240								
5	Y		Entrys	1		16	16	1		10	10								
6	A		Hallways	61		60	3,660	61		24	1,464								
7	A		Hallways recessed	33		35	1,155	33		10	330								
8	A		Main lobby	14		58	812	14		24	336								
9	C		Lab 101	18		85	1,530	18		36	648								
10	C		office 103	4		112	448	4		36	144								
11	C		office 102	1		112	112	1		36	36								
12	B		105	4		112	448	4		12	48								
13	B		104	8		112	896	8		12	96								
14	C		Admin	5		60	300	5		24	120								
15	C		Admin conference	6		85	510	6		36	216								
16	C		admin offices	4		85	340	4		36	144								
17	B		106	6		85	510	6		36	216								
18	D		Elec/comm			60	0			24	0								
19	B		107	2		60	120	2		24	48								
20	B		108	6		85	510	6		36	216								
21	B		109 testing	3		112	336	3		36	108								
22	B		Testing room	9		112	1,008	9		36	324								
23	D		Test closet			60	0			24	0								
24	B		class 111	12		112	1,344	12		36	432								
25	D		Janitor 151			60	0			24	0								
26	B		Rm 155	2		112	224	2		36	72								
27	B		167	4		85	340	4		36	144								
28	B		168	4		85	340	4		36	144								
29	D		168/elec			60	0			24	0								
30	B		170, 174-184	26		85	2,210	26		36	936								
31	B		182 computer	4		85	340	4		36	144								
32	B		100 A	2		112	224	2		36	72								
33	B		100 B	2		112	224	2		36	72								
34	B		115	4		112	448	4		36	144								
35	B		114	2		112	224	2		36	72								
36	A		113 A	3		60	180	3		24	72								
37	A		113 B	9		112	1,008	9		36	324								
38	D		Janitor			60	0			24	0								
39	D		Elec			60	0			24	0								
40	B		120	8		85	680	8		36	288								
41	B		121	9		85	765	9		36	324								
42	B		122	12		85	1,020	12		36	432								
43	B		123	9		85	765	9		36	324								
44	B		116	4		60	240	4		24	96								
45	B		break room	11		58	638	11		32	352								
46	A		116 A/B	4		112	448	4		36	144								
47	A		Mens 135	7		60	420	7		24	168								
48	A		Mens 135	2		30	60	2		12	24								
49	A		Womens rm	7		60	420	7		24	168								
50	A		Womens rm	2		30	60	2		12	24								
51	D		mechanical			60	0			24	0								
52	D		janitor			60	0			24	0								
53	D		utility			60	0			24	0								
54	A		mens 154	5		60	300	5		24	120								
55	A		womens 152	5		60	300	5		24	120								
56	B		156	9		85	765	9		36	324								
57	A		hallway track light	30		65	1,950	30		14	420								

58	B	157	FLT8-32W x 3L x 4'-IS N	8	85	680	CUST: TLED LT8-12W x 3L - ReL	8	36	288	58%	\$144.00	\$6/Lamp LED Tube
59	B	158	FLT8-32W x 3L x 4'-IS N	9	85	765	CUST: TLED LT8-12W x 3L - ReL	9	36	324	58%	\$162.00	\$6/Lamp LED Tube
60	B	159	FLT8-32W x 3L x 4'-IS N	17	85	1,445	CUST: TLED LT8-12W x 3L - ReL	17	36	612	58%	\$306.00	\$6/Lamp LED Tube
61	B	159	FCP-32W-IS N	6	35	210	LEDSI-14W	6	14	84	60%	\$33.40	\$0.10/kWh Saved
62	B	160	FLT8-32W x 3L x 4'-IS N	9	85	765	CUST: TLED LT8-12W x 3L - ReL	9	36	324	58%	\$162.00	\$6/Lamp LED Tube
63	B	161 bio lab	FLT8-32W x 3L x 4'-IS N	12	85	1,020	CUST: TLED LT8-12W x 3L - ReL	12	36	432	58%	\$216.00	\$6/Lamp LED Tube
64	D	161 storage	FLT8-32W x 3L x 4'-IS N		85	0	CUST: TLED LT8-12W x 3L - ReL		36	0			
65	B	162	FLT8-32W x 3L x 4'-IS N	4	85	340	CUST: TLED LT8-12W x 3L - ReL	4	36	144	58%	\$72.00	\$6/Lamp LED Tube
66	B	163	FLT8-32W x 3L x 4'-IS N	4	85	340	CUST: TLED LT8-12W x 3L - ReL	4	36	144	58%	\$72.00	\$6/Lamp LED Tube
67	B	164	FLT8-32W x 3L x 4'-IS N	9	85	765	CUST: TLED LT8-12W x 3L - ReL	9	36	324	58%	\$162.00	\$6/Lamp LED Tube
68	B	165	FLT8-32W x 3L x 4'-IS N	9	85	765	CUST: TLED LT8-12W x 3L - ReL	9	36	324	58%	\$162.00	\$6/Lamp LED Tube
69	A	main office	FLT8-32W x 4L x 4'-IS N	7	112	784	CUST: TLED LT8-12W x 3L - ReL	7	36	252	68%	\$126.00	\$6/Lamp LED Tube
70	C	office break	FLT8-32W x 4L x 4'-IS N	3	112	336	CUST: TLED LT8-12W x 3L - ReL	3	36	108	68%	\$54.00	\$6/Lamp LED Tube
71	C	offices	FLT8-32W x 4L x 4'-IS N	4	112	448	CUST: TLED LT8-12W x 3L - ReL	4	36	144	68%	\$72.00	\$6/Lamp LED Tube
72	A	soffit	FLT8-32W x 4'-IS N	20	30	600	CUST: TLED LT8-12W - ReL	20	12	240	60%	\$120.00	\$6/Lamp LED Tube
73													

Moab Building A (Support Documentation)



**ROCKY MOUNTAIN
POWER**

Let's turn the answers on.

V 031016.2

Utah
wattsmart[®] Business
03/10/16 Effective Date

You Can Now Use The Project Information Tab

Project ID	
Lighting Coordinator	
Tool Prepared by	Nexant
Project Manager	Mike Peterson
Account Manager	

Project Site Information

Project Name	Moab Lighting Bldg A		
Business Name	Utah State University		
Installation Address	125 W. 200 S.		
City, State, Zip	Moab	UT	84532
Contact, Title	Zach Cook	Energy Engineer	
Phone, Email	(435) 232-4107	zac.cook@usu.edu	
Account, Meter, Rate		64007494	23
Participant is:	<input checked="" type="checkbox"/> Acct Holder <input checked="" type="checkbox"/> Elect. User <input checked="" type="checkbox"/> Building Owner		
Business Type	School - University		

Coordinating Contractor Information

Contact		<input type="checkbox"/> wattsmart Business vendor
Business Name		
Address		
City, State, Zip		
Phone, Email		

Payee Information

Incentive Should Be Addressed To:			
Business Name			
Attention			
Check Reference			
Address			
City, State, Zip			

Customer Information (As Shown On Tax Forms)

Business Name			
Address			
City, State, Zip			
Office Use Only			

Processing Information

Construction Type	Retrofit	Stage	Preliminary
-------------------	----------	-------	-------------

Project Cost

Material	Labor	Other	Total Project Cost
\$8,500.00	\$5,000.00	\$0.00	\$13,500.00

Space Type & Size

Calculation Method	Whole Building	Allowed Wattage	12,000	
1 School/University		FT ²	10,000	1.20 W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
School/University		FT ²	10,000	1.20 W/FT ²

Lighting Operation Schedule

# of Holidays Closed?	Day	A	B	C	D	E
10	Mon	14.0	9.0	8.0	4.0	1.0
Op Weeks Per Year	Tue	14.0	9.0	8.0	4.0	1.0
52	Wed	14.0	9.0	8.0	4.0	1.0
Add/Edit Seasonal Schedule	Thu	14.0	9.0	8.0	4.0	1.0
	Fri	14.0	9.0	8.0	4.0	1.0
	Sat	4.0	0.0	0.0	0.0	0.0
	Sun	0.0	0.0	0.0	0.0	0.0
	Total		3,753	2,282	2,029	1,014

Additional Information

Import Existing Project	wattsmart Business Participant Info	Email Coordinator	Lighting Catalog	LED Policy	Report A Problem
-------------------------	-------------------------------------	-------------------	------------------	------------	------------------



Let's turn the answers on.

V 031016.2

Viewing The Preliminary Stage

Utah
wattsmart[®] Business

03/10/16 Effective Date

Project ID	
Lighting Coordinator	
Lighting Tool Prepared by	Nexant

Customer Information

Project	Moab Lighting Bldg A
Company	Utah State University
Customer Contact	Zach Cook

Total Savings

Stipulated Wattage Actual Wattage

Stipulated Wattage	Lighting	kWh/Year	Avg kW/Month	\$ Savings/Year
		Control	26,048	7.10
	Total	0	0.00	\$0.00
		26,048	7.10	\$2,532.82

Project Costs

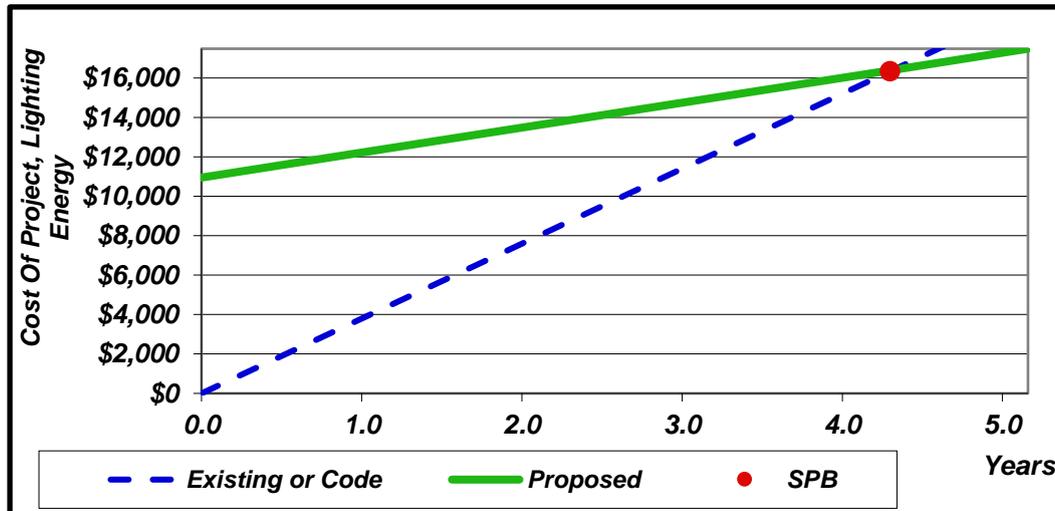
Total Cost	\$13,500.00	Lighting	\$2,552.22
Total Incentive	\$2,552.22	Controls	\$0.00
19% Of Cost Paid By Incentive		Incentive	\$2,552.22
Net Project Cost	\$10,948	Full Incentive	

Project Detail

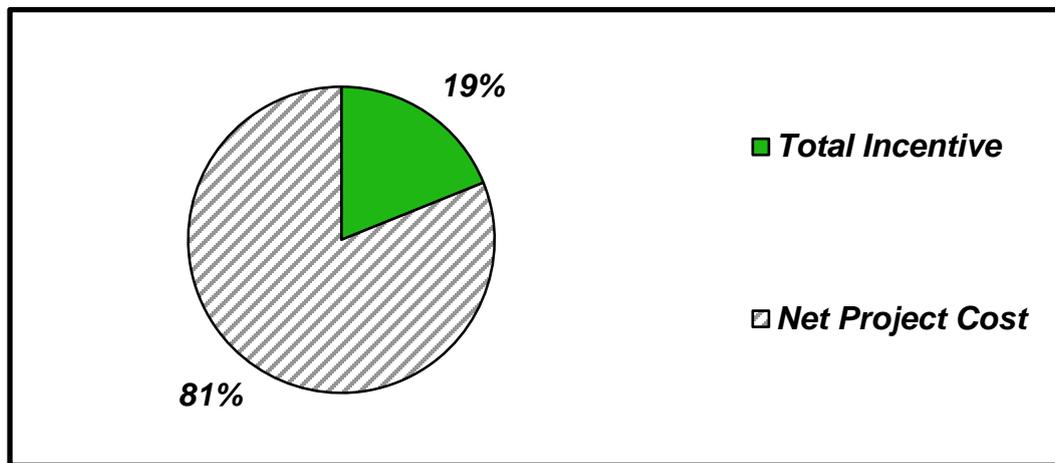
61% Better Than Code LPD (w/ft ²)			57% Better Than Code Operation Cost/Yr		
Existing	Code	Proposed	Existing	Code	Proposed
1.45	1.20	0.47	\$3,800	\$2,974	\$1,267

Simple Payback (Without Incentive)	5.3 Yrs	Simple Rate Of Return (Without Incentive)	19%
Simple Payback (With Incentive)	4.3 Yrs	Simple Rate Of Return (With Incentive)	23%

Cost of Project and Lighting Energy Usage Over Time



Percent of Initial Project Cost



The incentive and energy savings above are estimates only. This tool is designed to calculate savings and incentives for wattsmart Business lighting projects.

For wattsmart Business Lighting projects, lighting incentives are capped at 70% of eligible energy efficiency project costs, and the minimum simple payback (with incentive) for the project is one year. If needed, incentives will be decreased to reflect a one-year payback. The simple payback with incentive is the net project cost divided by the annual electric cost savings (dollar savings). For wattsmart Small Business Lighting projects, lighting retrofit incentives are capped at 80%.

Stipulated vs. Actual wattage – This tool has two calculation methods to distinguish between actual and stipulated wattages. There will only be a difference between actual and stipulated if the existing fixtures are impacted by efficacy standards (e.g. general service fluorescent and incandescent). Results from either calculation can be viewed by selecting “Stipulated wattage” or “Actual wattage.” Incentive calculations and 1-year simple payback cap are always based on stipulated wattage.

To receive an incentive you MUST sign an Incentive Offer before purchasing equipment.

Category	20W - FCE-5W x 2L-MG 9W - FCE-5W-MG 26W - FCE-6W x 2L-MG 13W - FCE-6W-MG 21W - FCE-7W x 2L-MG 10W - FCE-7W-MG 20W - FCE-9W x 2L-MG 12W - FCE-9W-MG 5W - FLE-2W x 2L-IS N 18W - FLE-6W x 2L-MG 9W - FLE-6W-MG	<input type="button" value="Add Fixture"/> <input type="button" value="Remove Fixture"/> <input type="button" value="Clear Filter"/> <input type="button" value="Build Fixture"/> <input type="button" value="Reset"/>	192W - FLT12-34W x 4L x 4'-2 MG 130W - FLT12-34W x 3L x 4'-MG 190W - MH-150W-CWA 20W - ICE-20W 87W - FLT8-32W x 3L x 4'-IS N 38W - LEDWP-38W 39 W - CUST: LED2X2-39W 48 W - CUST: TLED LT8-12W x 4L - ReL/B 24 W - CUST: TLED LT8-12W x 2L - ReL/B 36 W - CUST: TLED LT8-12W x 3L - ReL/B 4W - LEDE-4W	Incentive	 <p>Let's turn the answers on.</p> <p>↓ ↓ Project Tracking ↓ ↓</p> <p>Preliminary</p> <p>Pre-Inspection</p> <p>Incentive Offer Needed</p> <p>Contracted</p> <p>Post-Inspection</p> <p>Final Review Needed</p> <p>↓ ↓ Project Notes ↓ ↓</p>	kW % Savings	\$0.00	\$2,552.22	LT Incentive Type							
<input type="button" value="Add Fixture"/> <input type="button" value="Remove Fixture"/> <input type="button" value="Clear Filter"/> <input type="button" value="Build Fixture"/> <input type="button" value="Reset"/>	\$2,552.22 \$2,533 Saved Per Year 4.3 Year Simple Payback 26,048 kWh Saved Per Year	Lighting Power Density	Code 60.7% Existing Better Than Code Proposed LPD (w/ft²)													
4W - LEDE-4W LED Exit (4W x 1L) Full Incentive (18.9% of Cost Paid By Incentive)	1.20 1.45 0.47	14,508 1,216	4,716 537													
Stipulated Wattage	4W - LEDE-4W LED Exit (4W x 1L) Full Incentive (18.9% of Cost Paid By Incentive)	158 0	158 0													
Preliminary											Moab Lighting Bldg A					
Line Number	37 Out Of 100 Lines Used	Space Description	Existing				Proposed				67%	CTRL \$\$\$	LT \$\$\$	LT Incentive Type		
			Fixture	Qty	Controls	Fixture Wattage	Space Wattage	Fixture	Qty	Controls	Fixture Wattage	Space Wattage				
1	+ Y	Exterior WP	CMH-90W-ELEC H	9		99	891	LEDWP-38W	9		38	342	62%		\$192.40	\$0.08/kWh Saved
2	+ Y	Exterior Soffit	ICMB-65W	5		65	325	CUST: LED2X2-39W	5		39	195	40%		\$45.52	\$0.08/kWh Saved
3	A	Entry	FLT8-32W x 4L x 4'-IS N	1		112	112	CUST: TLED LT8-12W x 3L - ReL/B	1		36	36	68%		\$28.50	\$0.10/kWh Saved
4	A	Lobby	FLT8-32W x 4L x 4'-IS N	9		112	1,008	CUST: TLED LT8-12W x 3L - ReL/B	9		36	324	68%		\$256.70	\$0.10/kWh Saved
5	A	Lobby	FLT12-34W x 4L x 4'-2 MG	3		116	348	CUST: TLED LT8-12W x 3L - ReL/B	3		36	108	69%		\$90.10	\$0.10/kWh Saved
6	A	Men Restroom	FLT8-32W x 2L x 4'-IS N	2		58	116	CUST: TLED LT8-12W x 2L - ReL/B	2		24	48	59%		\$25.50	\$0.10/kWh Saved
7	A	Women Restroom	FLT8-32W x 2L x 4'-IS N	2		58	116	CUST: TLED LT8-12W x 2L - ReL/B	2		24	48	59%		\$25.50	\$0.10/kWh Saved
8	B	Lab E	FLT8-32W x 4L x 4'-IS N	8		112	896	CUST: TLED LT8-12W x 3L - ReL/B	8		36	288	68%		\$138.70	\$0.10/kWh Saved
9	B	Lab E	FLT12-34W x 4L x 4'-2 MG	2		116	232	CUST: TLED LT8-12W x 3L - ReL/B	2		36	72	69%		\$36.50	\$0.10/kWh Saved
10	B	"T" Lab	FLT12-34W x 4L x 4'-2 MG	4		116	464	CUST: TLED LT8-12W x 3L - ReL/B	4		36	144	69%		\$73.00	\$0.10/kWh Saved
11	A	Hallway	FLT12-34W x 4L x 4'-2 MG	2		116	232	CUST: TLED LT8-12W x 3L - ReL/B	2		36	72	69%		\$60.00	\$0.10/kWh Saved
12	D	Class F	FLT12-34W x 4L x 4'-2 MG	6		116	696	CUST: TLED LT8-12W x 3L - ReL/B	6		36	216	69%		\$48.70	\$0.10/kWh Saved
13	D	Lounge 123	FLT12-34W x 2L x 4'-MG	2		58	116	CUST: TLED LT8-12W x 2L - ReL/B	2		24	48	59%		\$6.90	\$0.10/kWh Saved
14	D	G Class	FLT12-34W x 4L x 4'-2 MG	6		116	696	CUST: TLED LT8-12W x 3L - ReL/B	6		36	216	69%		\$48.70	\$0.10/kWh Saved
15	B	Conference 102A	FLT12-34W x 4L x 4'-2 MG	11		116	1,276	CUST: TLED LT8-12W x 3L - ReL/B	11		36	396	69%		\$200.80	\$0.10/kWh Saved
16	A	Hallway	FLT12-34W x 4L x 4'-2 MG	5		116	580	CUST: TLED LT8-12W x 3L - ReL/B	5		36	180	69%		\$150.10	\$0.10/kWh Saved
17	D	Rm 104	FLT12-34W x 2L x 4'-MG	4		58	232	CUST: TLED LT8-12W x 2L - ReL/B	4		24	96	59%		\$13.80	\$0.10/kWh Saved
18	D	Rm 106	FLT12-34W x 4L x 4'-2 MG	4		116	464	CUST: TLED LT8-12W x 3L - ReL/B	4		36	144	69%		\$32.40	\$0.10/kWh Saved
19	E	106A Closet	FLT12-34W x 4L x 4'-2 MG	2		116	232	CUST: TLED LT8-12W x 3L - ReL/B	2		36	72	69%		\$4.10	\$0.10/kWh Saved
20	C	106B Office	FLT12-34W x 4L x 4'-2 MG	2		116	232	CUST: TLED LT8-12W x 3L - ReL/B	2		36	72	69%		\$32.50	\$0.10/kWh Saved
21	C	107 Office	FLT12-34W x 4L x 4'-2 MG	4		116	464	CUST: TLED LT8-12W x 3L - ReL/B	4		36	144	69%		\$64.90	\$0.10/kWh Saved
22	B	107 Lab	FLT12-34W x 4L x 4'-2 MG	4		116	464	CUST: TLED LT8-12W x 3L - ReL/B	4		36	144	69%		\$73.00	\$0.10/kWh Saved
23	A	Rehabilitation lobby	FLT8-32W x 3L x 4'-IS N	8		85	680	CUST: TLED LT8-12W x 3L - ReL/B	8		36	288	58%		\$147.10	\$0.10/kWh Saved
24	C	108 office	FLT8-32W x 4L x 4'-IS N	2		112	224	CUST: TLED LT8-12W x 3L - ReL/B	2		36	72	68%		\$30.80	\$0.10/kWh Saved
25	D	Rm 110	FLT12-34W x 4L x 4'-2 MG	2		116	232	CUST: TLED LT8-12W x 3L - ReL/B	2		36	72	69%		\$16.20	\$0.10/kWh Saved
26	D	Reception records	FLT12-34W x 2L x 4'-MG	2		58	116	CUST: TLED LT8-12W x 2L - ReL/B	2		24	48	59%		\$6.90	\$0.10/kWh Saved
27	C	Main office	FLT12-34W x 4L x 4'-2 MG	4		116	464	CUST: TLED LT8-12W x 3L - ReL/B	4		36	144	69%		\$64.90	\$0.10/kWh Saved
28	B	class 111	FLT12-34W x 4L x 4'-2 MG	8		116	928	CUST: TLED LT8-12W x 3L - ReL/B	8		36	288	69%		\$146.00	\$0.10/kWh Saved
29	B	class 109C	FLT12-34W x 4L x 4'-2 MG	8		116	928	CUST: TLED LT8-12W x 3L - ReL/B	8		36	288	69%		\$146.00	\$0.10/kWh Saved
30	D	office 103	FLT12-34W x 4L x 4'-2 MG	2		116	232	CUST: TLED LT8-12W x 3L - ReL/B	2		36	72	69%		\$16.20	\$0.10/kWh Saved

31	D	office 114	FLT12-34W x 4L x 4'-2 MG	4	116	464	CUST: TLED LT8-12W x 3L - ReL/B	4	36	144	69%		\$32.40	\$0.10/kWh Saved
32	A	hallway	FLT8-32W x 4L x 4'-IS N	3	112	336	CUST: TLED LT8-12W x 3L - ReL/B	3	36	108	68%		\$85.60	\$0.10/kWh Saved
33	D	Breakroom	FLT12-34W x 2L x 4'-MG	2	58	116	CUST: TLED LT8-12W x 2L - ReL/B	2	24	48	59%		\$6.90	\$0.10/kWh Saved
34	B	124 conference	FLT12-34W x 4L x 4'-2 MG	5	116	580	CUST: TLED LT8-12W x 3L - ReL/B	5	36	180	69%		\$91.30	\$0.10/kWh Saved
35	E	124A storage	FLT12-34W x 2L x 4'-MG	2	58	116	CUST: TLED LT8-12W x 2L - ReL/B	2	24	48	59%		\$1.70	\$0.10/kWh Saved
36	D	122 Office	FLT12-34W x 2L x 4'-MG	2	58	116	CUST: TLED LT8-12W x 2L - ReL/B	2	24	48	59%		\$6.90	\$0.10/kWh Saved
37	X	exit signs	ICE-20W	7	20	140	LEDE-4W	7	4	28	80%		\$105.00	\$15/Fixture LED Exit Sign
38														
39														
40														
41														
42														
43														
44														
45														
46														
47														
48														
49														
50														
51														
52														
53														
54														
55														
56														
57														
58														
59														
60														
61														
62														
63														
64														
65														
66														
67														
68														
69														
70														
71														
72														
73														
74														
75														
76														women 139
77														women 139
78														women 139
79														women 139
80														women 139
81														women 139
82														women 139
83														women 139
84														women 139
85														women 139
86														women 139
87														women 139
88														women 139
89														women 139
90														women 139
91														women 139
92														women 139
93														women 139
94														
95														
96														
97														
98														
99														
100														

Moab Building B (Support Documentation)



**ROCKY MOUNTAIN
POWER**

Let's turn the answers on.

V 031016.2

Utah
wattsmart[®] Business
03/10/16 Effective Date

You Can Now Use The Project Information Tab

Project ID	
Lighting Coordinator	
Tool Prepared by	Nexant
Project Manager	Mike Peterson
Account Manager	

Project Site Information

Project Name	Moab Lighting Bldg B		
Business Name	Utah State University		
Installation Address	125 W. 200 S.		
City, State, Zip	Moab	UT	84532
Contact, Title	Zach Cook	Energy Engineer	
Phone, Email	(435) 232-4107	zac.cook@usu.edu	
Account, Meter, Rate			23
Participant is:	<input checked="" type="checkbox"/> Acct Holder <input checked="" type="checkbox"/> Elect. User <input checked="" type="checkbox"/> Building Owner		
Business Type	School - University		

Coordinating Contractor Information

Contact		<input type="checkbox"/> wattsmart Business vendor
Business Name		
Address		
City, State, Zip		
Phone, Email		

Payee Information

Incentive Should Be Addressed To:			
Business Name			
Attention			
Check Reference			
Address			
City, State, Zip			

Customer Information (As Shown On Tax Forms)

Business Name			
Address			
City, State, Zip			
Office Use Only			

Processing Information

Construction Type	Retrofit	Stage	Preliminary
-------------------	----------	-------	-------------

Project Cost

Material	Labor	Other	Total Project Cost
\$9,000.00	\$5,000.00	\$0.00	\$14,000.00

Space Type & Size

Calculation Method	Whole Building	Allowed Wattage	12,000		
1 School/University		FT ²	10,000	1.20	W/FT ²
		FT ²			W/FT ²
		FT ²			W/FT ²
		FT ²			W/FT ²
		FT ²			W/FT ²
	School/University	FT ²	10,000	1.20	W/FT ²

Lighting Operation Schedule

# of Holidays Closed?	Day	A	B	C	D	E
10	Mon	14.0	9.0	8.0	4.0	1.0
Op Weeks Per Year	Tue	14.0	9.0	8.0	4.0	1.0
52	Wed	14.0	9.0	8.0	4.0	1.0
Add/Edit Seasonal Schedule	Thu	14.0	9.0	8.0	4.0	1.0
	Fri	14.0	9.0	8.0	4.0	1.0
	Sat	4.0	0.0	0.0	0.0	0.0
	Sun	0.0	0.0	0.0	0.0	0.0
	Total		3,753	2,282	2,029	1,014

S is for 0 hrs/year
X is for 8760 hrs/year
Y is for 4380 hrs/year

Additional Information

Import Existing Project	wattsmart Business Participant Info	Email Coordinator	Lighting Catalog	LED Policy	Report A Problem
-------------------------	-------------------------------------	-------------------	------------------	------------	------------------



Let's turn the answers on.

V 031016.2

Viewing The Preliminary Stage

Utah
wattsmart[®] Business

03/10/16 Effective Date

Project ID	
Lighting Coordinator	
Lighting Tool Prepared by	Nexant

Customer Information

Project	Moab Lighting Bldg B
Company	Utah State University
Customer Contact	Zach Cook

Total Savings

Stipulated Wattage Actual Wattage

Stipulated Wattage	Lighting	kWh/Year	Avg kW/Month	\$ Savings/Year
	Lighting	20,850	5.40	\$1,996.18
	Control	-2,583	0.00	-\$173.58
	Total	18,267	5.40	\$1,822.60

Project Costs

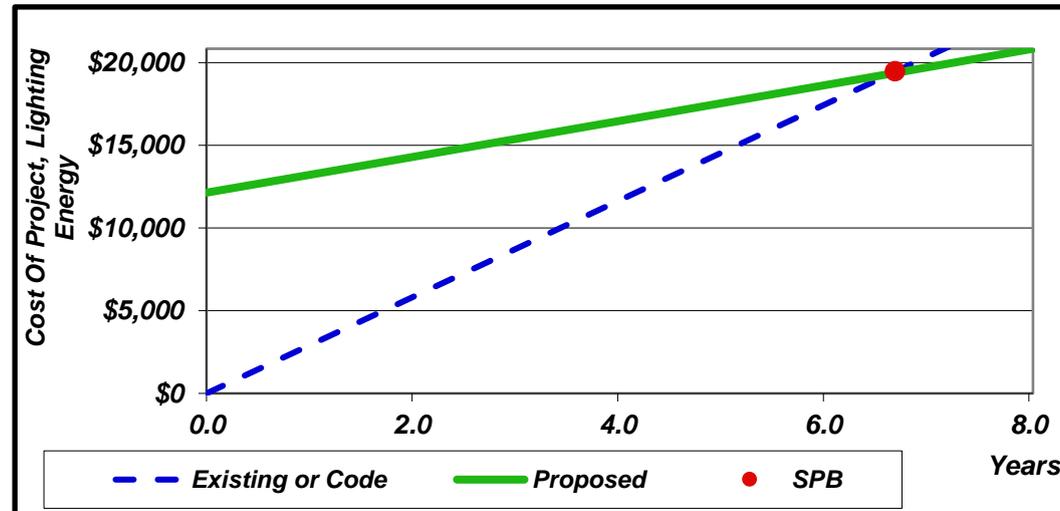
Total Cost	\$14,000.00	Lighting	\$1,861.96
Total Incentive	\$1,861.96	Controls	\$0.00
13% Of Cost Paid By Incentive		Incentive	\$1,861.96
Net Project Cost	\$12,138	Full Incentive	

Project Detail

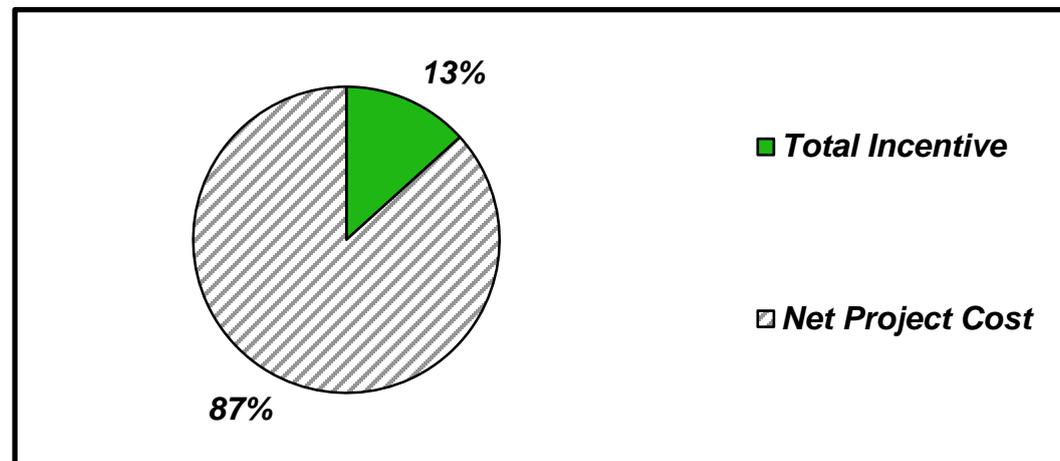
66% Better Than Code LPD (w/ft ²)			63% Better Than Code Operation Cost/Yr		
Existing	Code	Proposed	Existing	Code	Proposed
1.16	1.20	0.41	\$2,905	\$2,905	\$1,082

Simple Payback (Without Incentive)	7.7 Yrs	Simple Rate Of Return (Without Incentive)	13%
Simple Payback (With Incentive)	6.7 Yrs	Simple Rate Of Return (With Incentive)	15%

Cost of Project and Lighting Energy Usage Over Time



Percent of Initial Project Cost



The incentive and energy savings above are estimates only. This tool is designed to calculate savings and incentives for wattsmart Business lighting projects.

For wattsmart Business Lighting projects, lighting incentives are capped at 70% of eligible energy efficiency project costs, and the minimum simple payback (with incentive) for the project is one year. If needed, incentives will be decreased to reflect a one-year payback. The simple payback with incentive is the net project cost divided by the annual electric cost savings (dollar savings). For wattsmart Small Business Lighting projects, lighting retrofit incentives are capped at 80%.

Stipulated vs. Actual wattage – This tool has two calculation methods to distinguish between actual and stipulated wattages. There will only be a difference between actual and stipulated if the existing fixtures are impacted by efficacy standards (e.g. general service fluorescent and incandescent). Results from either calculation can be viewed by selecting “Stipulated wattage” or “Actual wattage.” Incentive calculations and 1-year simple payback cap are always based on stipulated wattage.

To receive an incentive you MUST sign an Incentive Offer before purchasing equipment.

32	D	office 106	FLT8-32W x 4L x 4'-IS N	2		112	224	CUST: TLED LT8-12W x 3L - ReL/B	2		36	72		68%		\$15.40	\$0.10/kWh Saved
33	E	Elec 105	FLT12-34W x 2L x 4'-MG	1		58	58	CUST: TLED LT8-12W x 2L - ReL/B	1		24	24		59%		\$0.90	\$0.10/kWh Saved
34	D	office 108	FLT8-32W x 4L x 4'-IS N	2		112	224	CUST: TLED LT8-12W x 3L - ReL/B	2		36	72		68%		\$15.40	\$0.10/kWh Saved
35	D	office 110	FLT8-32W x 4L x 4'-IS N	2		112	224	CUST: TLED LT8-12W x 3L - ReL/B	2		36	72		68%		\$15.40	\$0.10/kWh Saved
36	D	office 112	FLT8-32W x 4L x 4'-IS N	4		112	448	CUST: TLED LT8-12W x 3L - ReL/B	4		36	144		68%		\$30.80	\$0.10/kWh Saved
37	B	class 113	FLT8-32W x 2L x 4'-IS N	4	Ceiling Occupancy	58	232	CUST: TLED LT8-12W x 2L - ReL/B	4		24	96		59%		\$31.00	\$0.10/kWh Saved
38	C	breakroom 114	FLT12-34W x 3L x 4'-MG	3		85	255	CUST: TLED LT8-12W x 2L - ReL/B	3		24	72		72%		\$37.10	\$0.10/kWh Saved
39	E	storage 111	FLT12-34W x 2L x 4'-MG	1		58	58	CUST: TLED LT8-12W x 2L - ReL/B	1		24	24		59%		\$0.90	\$0.10/kWh Saved
40	C	office 115	FLT12-34W x 2L x 4'-MG	4		58	232	CUST: TLED LT8-12W x 2L - ReL/B	4		24	96		59%		\$27.60	\$0.10/kWh Saved
41																	
42																	
43																	
44																	
45																	
46																	
47																	
48																	
49																	
50																	
51																	
52																	
53																	
54																	
55																	
56																	
57																	
58																	
59																	
60																	
61																	
62																	
63																	
64																	
65																	
66																	
67																	
68																	
69																	
70																	
71																	
72																	
73																	
74																	
75																	
76																	
77																	
78													women 139				
79													women 139				
80													women 139				
81													women 139				
82													women 139				
83													women 139				
84													women 139				
85													women 139				
86													women 139				
87													women 139				
88													women 139				
89													women 139				
90													women 139				
91													women 139				
92													women 139				
93													women 139				
94													women 139				
95													women 139				
96																	
97																	
98																	

EQUINE CENTER (Support Documentation)



**ROCKY MOUNTAIN
POWER**

Let's turn the answers on.

V 031016.2

Utah
wattsmart® Business

03/10/16 Effective Date

You Can Now Use The Project Information Tab

Project ID	UTA.114
Lighting Coordinator	
Tool Prepared by	Nexant
Project Manager	Mike Peterson
Account Manager	

Project Site Information

Project Name	USU Equine Center Lighting		
Business Name	Utah State University		
Installation Address	3610 US-89		
City, State, Zip	Wellsville	UT	84339
Contact, Title	Zachary Cook	Energy Engineer	
Phone, Email	435-797-7048	zac.cook@usu.edu	
Account, Meter, Rate		36260392	6
Participant is:	<input checked="" type="checkbox"/> Acct Holder <input checked="" type="checkbox"/> Elect. User <input checked="" type="checkbox"/> Building Owner		
Business Type	School		

Coordinating Contractor Information

Contact	<input type="checkbox"/> wattsmart Business vendor		
Business Name			
Address			
City, State, Zip			
Phone, Email			

Payee Information

Incentive Should Be Addressed To:			
Business Name			
Attention			
Check Reference			
Address			
City, State, Zip			

Customer Information (As Shown On Tax Forms)

Business Name			
Address			
City, State, Zip			
Office Use Only			

Processing Information

Construction Type	Retrofit	Stage	Preliminary
-------------------	----------	-------	-------------

Project Cost

Material	Labor	Other	Total Project Cost
\$49,712.00	\$10,050.00	\$0.00	\$59,762.00

Space Type & Size

Calculation Method	Whole Building	Allowed Wattage	72,000	
1 School/University		FT ² 60,000	1.20	W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
School/University		FT ² 60,000	1.20	W/FT ²

Lighting Operation Schedule

# of Holidays Closed?	Day	A	B	C	D	E
8	Mon	14.0				
Op Weeks Per Year	Tue	14.0				
	Wed	14.0				
Add/Edit Seasonal Schedule	Thu	14.0				
	Fri	14.0				
	Sat	0.0				
S is for 0 hrs/year	Sun	0.0				
X is for 8760 hrs/year	Total	3,570				
Y is for 4380 hrs/year						

Additional Information

Import Existing Project	wattsmart Business Participant Info	Email Coordinator	Lighting Catalog	LED Policy	Report A Problem
-------------------------	-------------------------------------	-------------------	------------------	------------	------------------



Let's turn the answers on.

V 031016.2

Viewing The Preliminary Stage

Utah
wattsmart[®] Business

03/10/16 Effective Date

Project ID	UTA.114
Lighting Coordinator	
Lighting Tool Prepared by	Nexant

Customer Information

Project	USU Equine Center Lighting
Company	Utah State University
Customer Contact	Zachary Cook

Total Savings

Stipulated Wattage Actual Wattage

Stipulated Wattage	Lighting	kWh/Year	Avg kW/Month	\$ Savings/Year
		Lighting	145,597	22.50
	Control	0	0.00	\$0.00
	Total	145,597	22.50	\$9,348.85

Project Costs

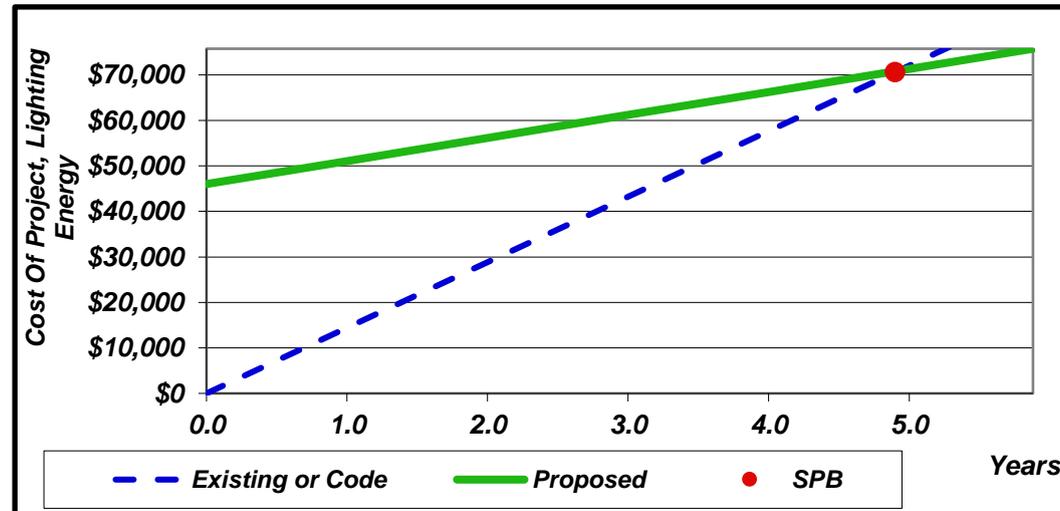
Total Cost	\$59,762.00	Lighting	\$13,742.38
Total Incentive	\$13,742.38	Controls	\$0.00
23% Of Cost Paid By Incentive		Incentive	\$13,742.38
Net Project Cost	\$46,020	Full Incentive	

Project Detail

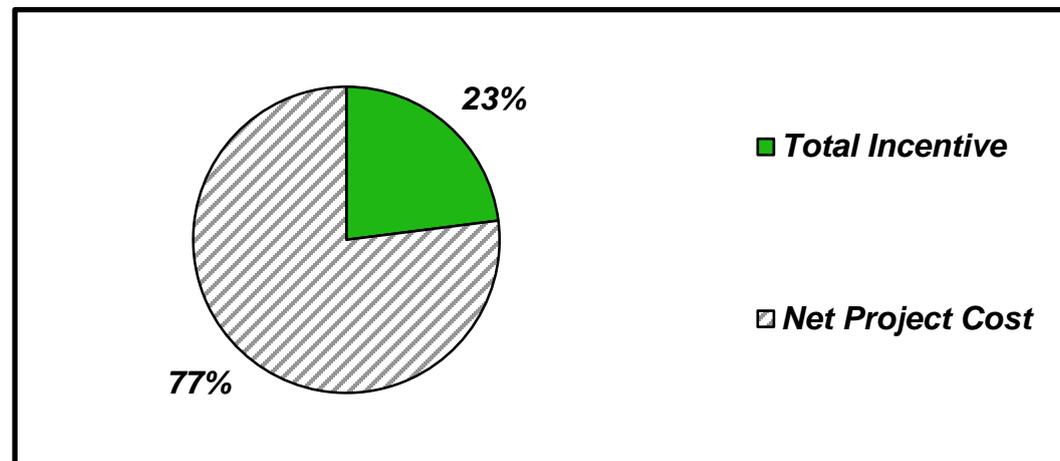
74% Better Than Code LPD (w/ft ²)			73% Better Than Code Operation Cost/Yr		
Existing	Code	Proposed	Existing	Code	Proposed
0.84	1.20	0.31	\$14,406	\$18,610	\$5,057

Simple Payback (Without Incentive)	6.4 Yrs	Simple Rate Of Return (Without Incentive)	16%
Simple Payback (With Incentive)	4.9 Yrs	Simple Rate Of Return (With Incentive)	20%

Cost of Project and Lighting Energy Usage Over Time



Percent of Initial Project Cost



The incentive and energy savings above are estimates only. This tool is designed to calculate savings and incentives for wattsmart Business lighting projects.

For wattsmart Business Lighting projects, lighting incentives are capped at 70% of eligible energy efficiency project costs, and the minimum simple payback (with incentive) for the project is one year. If needed, incentives will be decreased to reflect a one-year payback. The simple payback with incentive is the net project cost divided by the annual electric cost savings (dollar savings). For wattsmart Small Business Lighting projects, lighting retrofit incentives are capped at 80%.

Stipulated vs. Actual wattage – This tool has two calculation methods to distinguish between actual and stipulated wattages. There will only be a difference between actual and stipulated if the existing fixtures are impacted by efficacy standards (e.g. general service fluorescent and incandescent). Results from either calculation can be viewed by selecting “Stipulated wattage” or “Actual wattage.” Incentive calculations and 1-year simple payback cap are always based on stipulated wattage.

To receive an incentive you MUST sign an Incentive Offer before purchasing equipment.

Category	20W - FCE-5W x 2L-MG 9W - FCE-5W-MG 26W - FCE-6W x 2L-MG 13W - FCE-6W-MG 21W - FCE-7W x 2L-MG 10W - FCE-7W-MG 20W - FCE-9W x 2L-MG 12W - FCE-9W-MG 5W - FLE-2W x 2L-IS N 18W - FLE-6W x 2L-MG 9W - FLE-6W-MG	Add Fixture Remove Fixture Clear Filter Build Fixture Reset	15 W - CUST: LEDT-15W 458W - MH-400W-CWA 215W - MH-175W-CWA 54W - FLT8-32W x 2L x 4'-RS/PRS R 42W - FCM-42W-IS N 45 W - CUST: LEDWP-45W 18W - LEDSI-18W 160W - LEDHB-160W 120W - LEDPM-120W	Incentive	 <p>Let's turn the answers on.</p> <p>↓↓Project Tracking↓↓</p> <p>Preliminary</p> <p>Pre-Inspection</p> <p>Incentive Offer Needed</p> <p>Contracted</p> <p>Post-Inspection</p> <p>Final Review Needed</p> <p>↓↓Project Notes↓↓</p>	kW % Savings	\$0.00	\$13,742.38	LT Incentive Type					
49W - FLT8-32W x 2L x 4'-RS/PRS R Fluorescent Linear T8 (32W x 2L x 4') 1 Rapid/Program Start Ballast (0.75 < BF < 0.85) Full Incentive (23.0% of Cost Paid By Incentive)	Savings Information	\$13,742.38 \$9,349 Saved Per Year 4.9 Year Simple Payback 145,597 kWh Saved Per Year												
Stipulated Wattage	Lighting Power Density	1.20 Code 0.84 Existing 0.31 Proposed	74.4% Better Than Code LPD (w/ft²)											
Preliminary UTA.114 USU Equine Center Lighting														
Line Number	Exterior Schedule	Space Description	Existing		Interior		Proposed		Interior		kW % Savings	CTRL \$\$\$	LT \$\$\$	LT Incentive Type
			Qty	Controls	Fixture Wattage	Space Wattage	Qty	Controls	Fixture Wattage	Space Wattage				
1	A	Barn	40	0	49	1,960	80		15	1,200	39%			
2	+ Y	Barn Ext.	8		215	1,720	8		45	360	79%		\$271.30	\$0.10/kWh Saved
3	A	Arena Highbays	102		458	46,716	102		160	16,320	65%		\$476.56	\$0.08/kWh Saved
4	A	Arena Rooms	8		49	392	16		15	240	39%		\$10,851.40	\$0.10/kWh Saved
5	+ Y	Arena Ext.	27		215	5,805	27		45	1,215	79%		\$54.30	\$0.10/kWh Saved
6	A	Arena Bathrooms	21		49	1,029	42		15	630	39%		\$1,608.32	\$0.08/kWh Saved
7	X	Arena Vestibule	2		42	84	2		18	36	57%		\$142.40	\$0.10/kWh Saved
8	+ Y	Parking Lot	4		458	1,832	4		120	480	74%		\$42.00	\$0.10/kWh Saved
9													\$296.10	\$0.05/kWh Saved
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
32														
33														
34														
35														
36														
37														
38														
39														
40														
41														
42														
43														
44														
45														
46														
47														
48														
49														
50														
51														
52														
53														
54														
55														
56														
57														

Merrill Library (Support Documentation)
Logan City Light and Power

You Can Now Use The Project Information Tab

Project ID	
Lighting Coordinator	
Tool Prepared by	USU
Project Manager	Zac Cook
Account Manager	

V 031016.2

Project Site Information

Project Name	Merrill Library Lighting		
Business Name	USU		
Installation Address	USU Logan Campus		
City, State, Zip	Logan	UT	84322
Contact, Title	Zachary Cook	Energy Manager	
Phone, Email			
Account, Meter, Rate			6
Participant is:	Acct Holder <input type="checkbox"/>	Elect. User <input type="checkbox"/>	Building Owner <input type="checkbox"/>
Business Type	School - University		

Coordinating Contractor Information

Contact	wattsmart Business vendor		
Business Name			
Address			
City, State, Zip			
Phone, Email			

Payee Information

Incentive Should Be Addressed To:			
Business Name			
Attention			
Check Reference			
Address			
City, State, Zip			

Customer Information (As Shown On Tax Forms)

Business Name			
Address			
City, State, Zip			

Processing Information

Construction Type	Retrofit	Stage	Preliminary
-------------------	----------	-------	-------------

Project Cost

Material	Labor	Other	Total Project Cost
\$43,600.00	\$45,000.00	\$0.00	\$88,600.00

Space Type & Size

Calculation Method	Multiple Spaces	Allowed Wattage	120,000	
1 School/University		FT ² 100,000	1.20	W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
School/University		FT ² 100,000	1.20	W/FT ²

Lighting Operation Schedule

# of Holidays Closed?	Day	A	B	C	D	E
8	Mon	18.0	10.0	8.0	2.0	
Op Weeks Per Year	Tue	18.0	10.0	8.0	2.0	
	Wed	18.0	10.0	8.0	2.0	
S is for 0 hrs/year X is for 8760 hrs/year Y is for 4380 hrs/year	Thu	18.0	10.0	8.0	2.0	
	Fri	18.0	8.0	6.0	2.0	
	Sat	10.0	4.0	2.0	1.0	
	Sun	10.0	0.0	0.0	0.0	
	Total	5,610	2,652	2,040	561	

Additional Information

--	--	--	--	--	--	--

Viewing The Preliminary Stage

Project ID	
Lighting Coordinator	
Lighting Tool Prepared by	USU

Customer Information

Project	Merrill Library Lighting
Company	USU
Customer Contact	Zachary Cook

Total Savings Stipulated Wattage Actual Wattage

Actual Wattage			kWh/Year	Avg kW/Month	\$ Savings/Year
	Lighting		266,559	44.10	\$16,163.00
	Control		0	0.00	\$0.00
	Total		266,559	44.10	\$16,163.00

Project Costs

Total Cost	\$88,600.00		Lighting	n/a
Total Incentive	n/a		Controls	n/a
% Of Cost Paid By Incentive			Incentive	n/a
Net Project Cost	\$88,600		Full Incentive	

Project Detail

73% Better Than Code LPD (w/ft ²)			73% Better Than Code Operation Cost/Yr		
Existing	Code	Proposed	Existing	Code	Proposed
0.80	1.20	0.33	\$26,785	\$40,169	\$10,886

Simple Payback (Without Incentive)	5.6 Yrs	Simple Rate Of Return (Without Incentive)	18%
Simple Payback (With Incentive)	n/a	Simple Rate Of Return (With Incentive)	n/a

**Uintah Basin Education Center
(Support Documentation)**

Moon Lake Electric

You Can Now Use The Project Information Tab

Project ID	
Lighting Coordinator	
Tool Prepared by	USU
Project Manager	Zachary Cook
Account Manager	

V 031016.2

Project Site Information

Project Name	USU Uintah Basin Education Center		
Business Name	Utah State University		
Installation Address	987 E Lagoon St		
City, State, Zip	Roosevelt	UT	84078
Contact, Title	John Chase	Campus Manager	
Phone, Email	(435) 797-3126	john.chase@usu.edu	
Account, Meter, Rate			
Participant is:	<input checked="" type="checkbox"/> Acct Holder <input type="checkbox"/> lect. User <input type="checkbox"/> Building Owner		
Business Type	School - University		

Coordinating Contractor Information

Contact	wattsmart Business vendor		
Business Name			
Address			
City, State, Zip			
Phone, Email			

Payee Information

Incentive Should Be Addressed To:			
Business Name			
Attention			
Check Reference			
Address			
City, State, Zip			

Customer Information (As Shown On Tax Forms)

Business Name			
Address			
City, State, Zip			

Processing Information

Construction Type	Retrofit	Stage	Preliminary
-------------------	----------	-------	-------------

Project Cost

Material	Labor	Other	Total Project Cost
\$6,500.00	\$7,120.00	\$0.00	\$13,620.00

Space Type & Size

Calculation Method	Whole Building	Allowed Wattage	26,293	
1 School/University		FT ² 21,911	1.20	W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
		FT ²		W/FT ²
School/University		FT ² 21,911	1.20	W/FT ²

Lighting Operation Schedule

# of Holidays Closed?	Day	A	B	C	D	E
8	Mon	16.0	12.0	9.0	4.0	2.0
Op Weeks Per Year	Tue	16.0	12.0	9.0	4.0	2.0
	Wed	16.0	12.0	9.0	4.0	2.0
52	Thu	16.0	12.0	9.0	4.0	2.0
	Fri	16.0	12.0	9.0	4.0	2.0
	Sat	6.0	6.0	4.0	2.0	1.0
S is for 0 hrs/year	Sun	0.0	0.0	0.0	0.0	0.0
X is for 8760 hrs/year	Total	4,386	3,366	2,499	1,122	561
Y is for 4380 hrs/year						

Additional Information

--

V 031016.2

Viewing The Preliminary Stage

Project ID	
Lighting Coordinator	
Lighting Tool Prepared by	USU

Customer Information

Project	USU Uintah Basin Education Center
Company	Utah State University
Customer Contact	John Chase

Total Savings		Stipulated Wattage	● Actual Wattage
		kWh/Year	g kW/Mor
Actual Wattage	Lighting	81,503	11.10
	Control	0	0.00
	Total	81,503	11.10
		\$ Savings/Year	
			\$3,613.00
			\$0.00
			\$3,613.00

Project Costs

Total Cost	\$13,620.00	Lighting	n/a
Total Incentive	N/A	Controls	n/a
% Of Cost Paid By Incentive		Incentive	n/a
Net Project Cost	\$13,620	Full Incentive	

Project Detail

79% Better Than Code LPD (w/ft ²)			79% Better Than Code Operation Cost/Yr		
Existing	Code	Proposed	Existing	Code	Proposed
1.60	1.20	0.93	\$6,405	\$6,784	\$1,414

Simple Payback (Without Incentive)	3.8 yrs	Simple Rate Of Return	25%
Simple Payback (With Incentive)	n/a	Simple Rate Of Return	n/a

Preliminary														USU Uintah Basin Education Center			kW % Savings	Ineligible	CTRL \$\$\$	LT \$\$\$	LT Incentive Type
Line Number	39 Out Of 113 Lines Used			Existing				Proposed				↓ ↓ Project Notes ↓ ↓	76%								
	Exterior	Schedule	Space Description	Fixture	Qty	Controls	Fixture Wattage	Space Wattage	Fixture	Qty	Controls			Fixture Wattage	Space Wattage						
				Interior 20,320				Interior 4,796				Project Tracking ↓									
				Exterior 0				Exterior 0				Preliminary									
												Pre-Inspection									
												Incentive Offer Needed									
												Contracted									
												Post-Inspection									
												Final Review Needed									
0																					
1		Y	Hallways	FLT12-40W x 2L x 4'-MG	38		96	3,648	CUST: LEDT-12.5W	76		12.5	950	57%							
2		A	124 Classroom	FLT12-40W x 2L x 4'-MG	4		96	384	CUST: LEDT-12.5W	8		12.5	100	57%							
3		A	123 Classroom	FLT12-40W x 2L x 4'-MG	5		96	480	CUST: LEDT-12.5W	10		12.5	125	57%							
4		A	119 Classroom	FLT12-40W x 2L x 4'-MG	8		96	768	CUST: LEDT-12.5W	16		12.5	200	57%							
5																					
6		A	116 Classroom	FLT12-40W x 2L x 4'-MG	4		96	384	CUST: LEDT-12.5W	8		12.5	100	57%							
7		A	115 Kitchen	FLT12-40W x 2L x 4'-MG	5		96	480	CUST: LEDT-12.5W	10		12.5	125	57%							
8		C	114J Office	FLT12-40W x 2L x 4'-MG	2		96	192	CUST: LEDT-12.5W	4		12.5	50	57%							
9		C	114H Office	FLT12-40W x 2L x 4'-MG	3		96	288	CUST: LEDT-12.5W	6		12.5	75	57%							
10		C	114K Office	FLT12-40W x 2L x 4'-MG	2		96	192	CUST: LEDT-12.5W	4		12.5	50	57%							
11		C	114G Office	FLT12-40W x 2L x 4'-MG	2		96	192	CUST: LEDT-12.5W	4		12.5	50	57%							
12		C	114F Office	FLT12-40W x 2L x 4'-MG	2		96	192	CUST: LEDT-12.5W	4		12.5	50	57%							
13		C	114L Office	FLT12-40W x 2L x 4'-MG	2		96	192	CUST: LEDT-12.5W	4		12.5	50	57%							
14		C	114M Office	FLT12-40W x 2L x 4'-MG	2		96	192	CUST: LEDT-12.5W	4		12.5	50	57%							
15		C	114E Office	FLT12-40W x 2L x 4'-MG	2		96	192	CUST: LEDT-12.5W	4		12.5	50	57%							
16		C	114D Office	FLT12-40W x 2L x 4'-MG	2		96	192	CUST: LEDT-12.5W	4		12.5	50	57%							
17		C	114B Office	FLT12-40W x 2L x 4'-MG	3		96	288	CUST: LEDT-12.5W	6		12.5	75	57%							
18		C	114A Office	FLT12-40W x 2L x 4'-MG	2		96	192	CUST: LEDT-12.5W	4		12.5	50	57%							
19		C	114C Office	FLT12-40W x 2L x 4'-MG	2		96	192	CUST: LEDT-12.5W	4		12.5	50	57%							
20		A	102 Reception	FLT12-40W x 2L x 4'-MG	5		96	480	CUST: LEDT-12.5W	10		12.5	125	57%							
21		C	102A Mailroom	FLT12-40W x 2L x 4'-MG	1		96	96	CUST: LEDT-12.5W	2		12.5	25	57%							
22		B	103 Satellite	FLT12-40W x 2L x 4'-MG	4		96	384	CUST: LEDT-12.5W	8		12.5	100	57%							
23		A	105 Classroom	FLT12-40W x 2L x 4'-MG	8		96	768	CUST: LEDT-12.5W	16		12.5	200	57%							
24		A	107 Lab	FLT12-40W x 2L x 4'-MG	4		96	384	CUST: LEDT-12.5W	8		12.5	100	57%							
25		A	109 Lab	FLT12-40W x 2L x 4'-MG	9		96	864	CUST: LEDT-12.5W	18		12.5	225	57%							
26		A	112 ClassRoom	FLT12-40W x 2L x 4'-MG	4		96	384	CUST: LEDT-12.5W	8		12.5	100	57%							
27																					
28																					
29		A	102B Testing Room	FLT12-40W x 2L x 4'-MG	1		96	96	CUST: LEDT-12.5W	2		12.5	25	57%							
30																					
31																					
32		C	100K	FLT12-40W x 2L x 4'-MG	2		96	192	CUST: LEDT-12.5W	4		12.5	50	57%							
33		Y	104	FLT12-40W x 2L x 4'-MG	1		96	96	CUST: LEDT-12.5W	2		12.5	25	57%							
34									CUST: LEDT-12.5W	4		12.5	50								
35																					
36		A	101	FLT12-40W x 2L x 4'-MG	3		96	288	CUST: LEDT-12.5W	6		12.5	75	57%							
37		A	101	FLT12-20W x 2L x 2'-MG	1		50	50	CUST: LEDT-12.5W	2		12.5	25	50%							
38		A	111	FLT12-40W x 2L x 4'-MG	4		96	384	CUST: LEDT-12.5W	8		12.5	100	57%							
39																					
40		A	111B	FLT12-40W x 2L x 4'-MG	1		96	96	CUST: LEDT-12.5W	2		12.5	25	57%							
41		A	113	FLT12-40W x 2L x 4'-MG	10		96	960	CUST: LEDT-12.5W	20		12.5	250	57%							
42		X	100J Hallway	FLT12-20W x 2L x 2'-MG	7		50	350	CUST: LEDT-12.5W	14		12.5	175	50%							



Gary R. Herbert
Governor

Utah State Building Board

3120 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3010
Fax (801) 538-3844

MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 2016
Subject: **Utah State Fairpark: Updates on Demolition and Rodeo Arena/Stadium Project**
Presenter: Larry Mullenax, Executive Director of the Utah State Fairpark

Attached for your review is an updated report on Demolition and the Rodeo Arena/Stadium Project for the Utah State Fairpark.

Attachments: Report for Utah State Fairpark



UTAH STATE FAIRPARK
BUILDING BOARD HEARING
DECEMBER 2016

ROGER L BEATTIE CHAIRMAN OF THE BOARD
LARRY R. MULLENAX EXECUTIVE DIRECTOR

UTAH STATE FAIRPARK



Days of 47 Rodeo Arena Update

- The design package for the arena is complete.
- Construction of the new arena is on schedule and roughly 12% complete.
- Substantial completion date July 1, 2017
- The fixed limit of construction costs (FLCC) for this project is \$14,500,000

UTAH STATE FAIRPARK



Days of 47 Rodeo Arena Update

- The general contractor “Okland” contract is now at \$11,727,081 the project is on budget.
- The vast majority of the construction packages have been value engineered and awarded with the exception of the electrical and A/V package.
- The electrical and A/V package is scheduled to be completed by December 9th.

UTAH STATE FAIRPARK



Days of 47 Rodeo Arena Update

- The majority of the concrete footings have been set and inspected.
- Underground conduit is currently being installed
- The grandstand contractor “GT Grandstands” began setting steel for the new bleachers mid-November

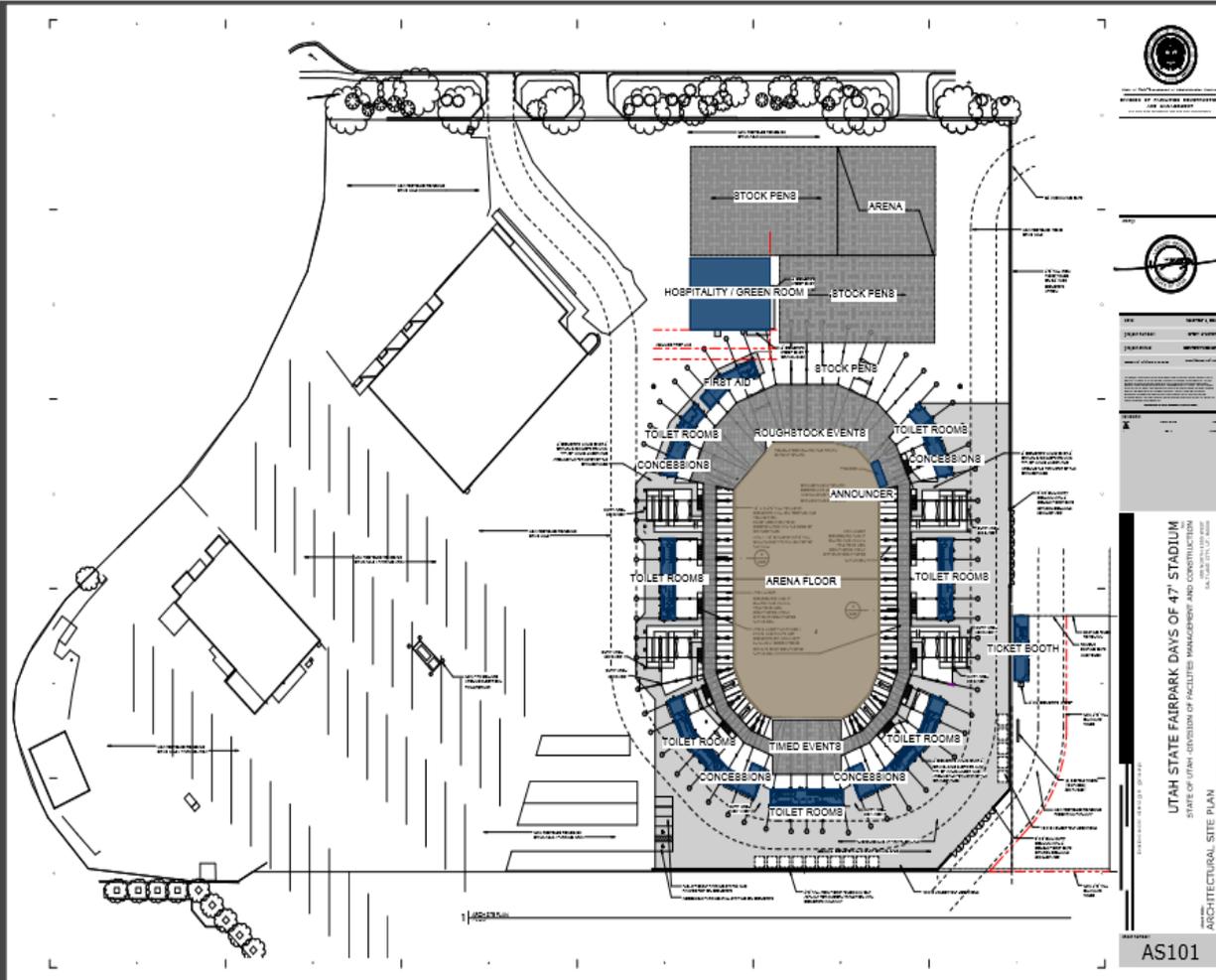
UTAH STATE FAIRPARK



arena Site Plan.pdf arena Site Plan.pdf x +

file:///C:/Users/Mullenax/Documents/ARENA/arena%20Site%20Plan.pdf

← → ↻ | ☆ | ≡ | 📏 | 🔔 | ⋮



UTAH STATE FAIRPARK



Arcade drawings .pdf

file:///C:/Users/Mullenax/Documents/ARENA/Arena%20drawings%20.pdf

UTAH STATE FAIRPARK DAYS OF 47' STADIUM

STATE OF UTAH- DIVISION OF FACILITIES MANAGEMENT AND CONSTRUCTION



DESIGN PRECEDENCE



3110 INCH GAB-30-48-000005
1/8" RANDOM COLOR
COLOR BY AAC OF

UTAH STATE FAIRPARK



Construction Concerns

- **The native soil will not compact to specification, manufactured fill will need to be brought in. Budget impact pending.**
- **V/E process removed additional storm drains on the west side parking lot hopefully this doesn't become an issue at a later date**

UTAH STATE FAIRPARK



Construction Concerns

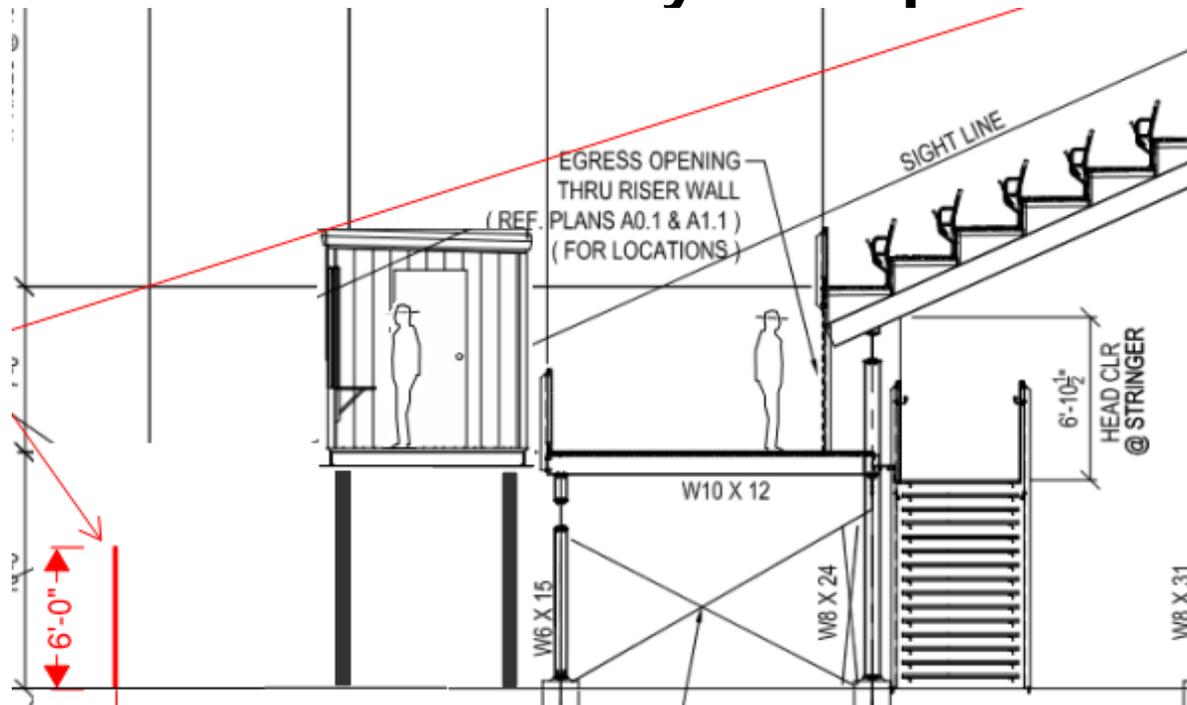
- **Building permit hasn't been secured for the project**
- **Letters confirming financial commitment from SLC, SL County and the Gardner Corporation have not been secured.**

UTAH STATE FAIRPARK



Pending Arena items

- Exact placement of the announcer booth needs to be identified. The total number of seats in the arena may be impacted.



UTAH STATE FAIRPARK



Pending Items

- **Sound and lighting....there seems to be a difference in opinion on the number of poles needed to support sound and lighting.**
- **The poles are costly therefore the number may be cut during the V/E process to stay under budget.**
- **Bass speakers are costly, the total number required may be reduced to come in at budget. We need assurances that the system can support additional speakers if we elect to add them at a later date.**

UTAH STATE FAIRPARK



Live updates

- A link to a live camera can be accessed via our web site. Utahstatefairpark.com
- Scroll down until you see the link “live construction cam days of 47 arena. Click on the words and you will be re-directed to a live camera feed allowing you to view the construction of the arena.
- Thank you for you support!



Gary R. Herbert
Governor

Utah State Building Board

3120 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3010
Fax (801) 538-3844

MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 2016
Subject: **Administrative Report for University of Utah and Utah State University**
Presenter: 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.

Attachments: Report for U of U
Report for USU



Office of the Senior Chief Administrative Officer & CFO

November 28, 2016

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

Subject: U of U Administrative Reports for the December 7, 2016 Building Board Meeting.

Dear Jeff:

The following is a summary of the administrative reports for the U of U for the period October 19, 2016 – November 18, 2016. Please include this in the packet for the December 7, 2016 Building Board meeting.

Professional Services Agreements (Page 1)

The Professional Services Agreements awarded during this period consist of:
11 Design Agreements, 3 Planning/ Study/Other Agreements.

No significant items.

Construction Contracts (Page 2)

The Construction Contracts awarded during this period consist of:
1 New Space Contracts, 9 Remodeling Contracts, 2 Site Improvement Contracts.

Item 8; Project 21855; Orthopedic Trauma Surgical Services (OTSS) Remodel
This CM/GC contract was issued for pre-construction services only. The balance of the construction costs, estimated at \$9.1 million, will be added by change order after getting subcontractor bids.

Item 10; Project 70042; UUMC Emergency Manifolds
This contract for \$67,409 was awarded directly to Alternative Mechanical Contractors, Inc. due to emergency conditions. During design of a project to upgrade the Hospital's oxygen distribution system, the main oxygen shut off valve developed a major leak due to age (original installation was in 1979) and the amount of pressure exerted by the oxygen flow. This created a dangerous situation that required immediate work without taking the time to obtain bids.

Report of Project Reserve Fund Activity (Page 3)

Increases:

Transfers in reflect the residual funds remaining upon completion of capital improvement projects. These were transferred to Project Reserve per statute.

Decreases:

Project 21824; Marriott Library HVAC Controls Upgrade
This transfer of \$34,291 provides the funding necessary to award the construction contract after reducing scope to the extent possible and utilizing funds budgeted for soft costs to the extent possible.

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
November 28, 2016
Page 2

Report of Contingency Reserve Fund (Page 4)

Increases:

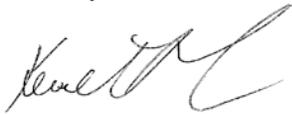
None.

Decreases:

None.

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". The signature is fluid and cursive, with a large initial "K" and "E".

Kenneth E. Nye
Interim Associate Vice President – Facilities
University of Utah

Enclosures

cc: University of Utah Trustees
Eric Tholen



Professional Services Agreements

Awarded From October 19, 2016 - November 18, 2016

Item Number	Project Number	Project Name	Firm Name	Project Budget	Contract Amount
Design					
1	22011	Biology Building Rooftop Exhaust Fan Replacement	DLJ Mechanical Engineers	\$ 99,790	\$ 19,770
2	21990	West Village Secure Perimeter Fence	Arcsitio Design Inc.	\$ 246,436	\$ 6,900
3	22041	Chilled Water pumping Capacity Increase for Upper Campus	Colvin Engineering Assoc.	\$ 364,620	\$ 29,600
4	21947	Building 525 Level 2 Improvements for Cancer Registry Relocation	FFKR Architects	\$ 525,041	\$ 22,000
5	21534	Wintrobe Remodel - Design	MJSA Architecture	\$ 2,169,714	\$ 119,779
6	21925	Westridge Clinic Interior Remodel	NJRA Architects	\$ 3,400,000	\$ 236,648
7	22037	UPS Upgrade Design	Envision Engineering	\$ 118,646	\$ 13,614
8	21980	Lots 12, 27, and 44 Repairs	Nolte Associates, Inc.	\$ 575,000	\$ 48,875
9	21988	Lighting Design for Auditorium	Prescott Muir Architects	\$ 89,826	\$ 6,563
10	22024	Red Butte Garden Creekside Walk	Bio - West Inc.	\$ 23,590	\$ 19,404
11	21977	Population Health Sciences Tenant Improvement	MHTN Architects	\$ 477,938	\$ 7,480
Planning/Study/ Other					
12	22034	Student Housing - Financial Feasibility & Delivery Method Evaluation	Brailsford and Dunlavey	\$ 30,000	\$ 29,152
13	21468	OSH - Thermal Conductivity	Sound Geothermal Corporation	\$ 60,132,735	\$ 11,297
14	21169	UMFA Abatement Consulting and Testing	Wilson Consulting Services Inc.	\$ 3,755,683	\$ 9,513



Construction Contracts

Awarded From October 19, 2016 - November 18, 2016

Item Number	Project Number	Project Name	Firm Name	Project Budget	Contract Amount
Construction - New Space					
1	21468	OSH Redevelopment GEO Test Bores	Bertram Drilling Inc	\$ 60,132,735	\$ 23,572
Construction - Remodeling					
2	70052	Moran Global Outreach Program - Painting	Standard Drywall, Inc.	\$ 1,408,348	\$ 55,250
3	21872	Re-bid Fashion Square Bldg 3 - Replace Cooling Tower	Mechanical Service and Systems Inc.	\$ 145,174	\$ 117,416
4	21837	Fletcher Chiller Replacement Phase 2	Paulsen Construction	\$ 2,115,014	\$ 1,460,186
5	21964	BTSAC Level 3 Classroom 3147	Hunt Construction of Utah Inc.	\$ 257,215	\$ 110,283
6	21963	Marriott Library West Entry Air Curtain	Ralph Tye and Sons Inc.	\$ 64,781	\$ 64,781
7	70052	Moran Global Outreach Program - Electrical	STF Electric	\$ 1,408,348	\$ 175,500
8	21855	Orthopedic Trauma Surgical Services (OTSS) Remodel	Okland Construction Inc.	\$ 13,400,000	\$ 27,000
9	21923	SW Chiller Plant Chiller & Cooling Tower Installation	Harris Acquisition III / Wasatch Control	\$ 2,910,900	\$ 72,884
10	70042	UUMC Emergency Manifolds	Alternative Mechanical Contractors Inc.	\$ 243,261	\$ 67,409
Construction - Site Improvement					
11	21928	Hillside Pad	Legacy Landscape Construction	\$ 15,221	\$ 15,221
12	22022	Cold Springs Microwave Tower	Tri Hurst Construction	\$ 42,000	\$ 24,435



University Of Utah
Report Of Project Reserve Fund Activity
For the Period of October 19, 2016 to November 18, 2016

PROJECT NUMBER	PROJECT TITLE	TRANSFER AMOUNT	DESCRIPTION FOR CONTINGENCY TRANSFER	% OF CONSTR. BUDGET
	BEGINNING BALANCE	560,064.23		
	INCREASES TO PROJECT RESERVE FUND:			
21352	Sidewalk and Bike Path Improvements	2,276.03	Residual funds at project closeout	1.69%
	DECREASES TO PROJECT RESERVE FUND:			
21824	Marriott Library HVAC Controls Upgrade	(34,291.00)	Funds the difference between the construction budget and bid.	2.34%
	CURRENT BALANCE OF PROJECT RESERVE:	528,049.26		

November 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 December 2016 Building Board Meeting

The following is a summary of the administrative reports for USU for the period 10/21/2016 to 11/25/16.

Professional Contracts, 3 contracts issued (Page 1)

Comments are provided on the report.

Construction Contracts, 6 contracts issued (Pages 2)

Comments are provided on the report.

Report of Contingency Reserve Fund (Page 3)

Four projects needed funds and one project contributed to the contingency reserve fund during this reporting period. Based on an internal risk assessment, the University finds this fund's balance to be adequate.

Report of Project Reserve Fund Activity (Page 4)

No projects contributed to or needed funds from the project reserve fund during this reporting period. Based on an internal risk assessment, the University finds this fund's balance to be adequate.

Current Delegated Projects List (Pages 5-7)

Of USU's 75 projects, 9 are pending, 13 are in the design/study phase, 29 are in construction, 23 are substantially complete and 1 is complete. The one project that was completed during this period was Spectrum ADA Seating.

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 10/21/16 to 11/25/16

Project Name	Firm Name	A/E Budget	Fee Amount	Comments
1 Kaysville Building Addition	Intertek Architectural Testing	\$40,565.00	\$16,700.00	Building envelope commissioning
2 Planning & Design FY17	CRS Engineers	\$70,456.66	\$2,600.00	Survey and drainage plan
MISCELLANEOUS CONTRACTS				
3 Health, LS, Code Asbestos FY16	Dixon Information	\$184,860.00	\$75.00	Bulk samples



Construction Contracts Awarded From 10/21/16 to 11/25/16

Project	Firm Name	Design Firm	Const Budget	Contract Amt	Comments
1 Huntsman Library Huntsman Hall	Gramoll Construction	USU Facilities Planning and Design	\$150,000.00	\$150,000.00	CMGC /Construction Contract
2 Building Commissioning FY14	USU Facilities Operations	USU Facilities Planning and Design	\$185,185.00	\$22,221.00	Controls upg for BNR north air handlers
3 Classroom Auditorium Upg FY15	USU Facilities Operations	USU Facilities Planning and Design	\$246,025.00	\$4,901.00	Build classroom consoles
MISCELLANEOUS CONTRACTS					
4 USUE Geary Theatre Bldg Upgs FY16	Eagle Environmental		\$157,332.00	\$157,198.00	Abatement of ceiling, pipes, mastic, insulation and roof
5 Health, LS, Code Asbestos FY16	Eagle Environmental		\$184,860.00	\$5,794.00	Abatement of HPER Mechanical Room 125
6 UBC Infrastructure Improvements	Lakeview Rock Products		\$1,070,867.00	\$766.00	Commercial road base

Report of Contingency Reserve Fund From 10/21/16 to 11/25/16

Project Title	Current Transfers	Total Transfers To (From) Contingency	% to Construction Budget	Project Status	% Completed (Paid)
BEGINNING BALANCE	\$860,464.81				
INCREASES TO CONTINGENCY RESERVE FUND					
PDP Air Handling Units	27,940.00	27,940.00	9.73%	Design	
DECREASES FROM CONTINGENCY RESERVE FUND					
PDP Air Handling Units (change in scope of design work)	(11,890.00)	(11,890.00)	4.14%	Design	80.00%
BNR Roadway Replacement (concrete collars, replace stairs, plaster and paint curbs)	(8,705.02)	(8,705.02)	2.80%	Construction	62.09%
Old Main Fire Alarm Upg FY16 (mechanical and electrical changes)	(6,296.00)	(10,006.57)	2.47%	Construction	92.73%
RBW/Family Life Chilled Water Piping (waterproof tunnel, LED lights)	(7,228.80)	(54,792.68)	7.82%	Construction	84.24%
ENDING BALANCE	\$854,284.99				



**Report of Project Reserve Fund Activity
From 10/21/16 to 11/25/16**

Project Title	Transfer Amount	Description	% of Construction Budget
BEGINNING BALANCE	\$295,967.13		
INCREASES TO PROJECT RESERVE FUND NONE			
DECREASES TO PROJECT RESERVE FUND NONE			
ENDING BALANCE	\$295,967.13		



Current Delegated Projects List 11/25/2016

Project Number	Project Name	Phase	Project Budget
CAPITAL DEVELOPMENT/IMPROVEMENT			
A27147	Campus-wide Bike Racks FY13	Sub Completion	54,074
A28999	Building Commissioning FY14	Commissioning	196,296
A29001	Classroom/Auditorium Upgrades FY14	Sub Completion	308,965
A29004	Emergency Generator FY14	Sub Completion	250,000
A29006	Medium Voltage Upgrade FY14	Sub Completion	369,939
A29007	Misc Critical Improvements FY14	Sub Completion	249,979
A29010	Parking Lot Paving FY14	Sub Completion	907,875
A31321	Classroom/Auditorium Upgrade FY15	Construction	276,045
A31322	Concrete Replacement FY15	Sub Completion	310,403
A31324	Elevator Upgrades FY15	Sub Completion	452,097
A31325	Emergency Generator FY15	Pending	229,872
A31328	HVAC Controls Upgrade FY15	Pending	228,311
A31329	Medium Voltage Upgrade FY15	Sub Completion	460,460
A31330	Morgan Theater Upgrade	Sub Completion	1,597,496
A31333	Planning and Design FY15	Design/Study	175,075
A31334	Sign System FY15	Construction	47,193
A31335	Site & Safety Lighting	Construction	322,525
A33654	Romney Stadium Scoreboard	Construction	2,700,000
A34107	Kaysville Building Addition	Design	3,548,115
A34282	Access Control FY16	Sub Completion	54,795
A34283	Chilled Water Infrastructure FY16	Construction	351,002
A34284	Classroom/Auditorium Upgrades FY16	Construction	275,847
A34285	Concrete Replacement FY16	Sub Completion	243,096
A34287	Health, LS, Code, Asbestos FY16	Construction	192,360
A34290	Medium Voltage Upgrade FY16	Construction	1,132,804

A34292	Old Main Fire Alarm Upgrades FY16	Sub Completion	447,584
A34294	Planning and Design FY16	Design/Study	129,790
A34295	RBW/Family Life Chilled Water Piping	Construction	841,711
A34296	South Farm Fire Lane/Hydrants FY16	Construction	300,238
A34297	Spectrum Emergency Lighting Upgrade	Sub Completion	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	Construction	328,890
A34301	Vet Science Electrical Upgrade FY16	Design	98,753
A34468	Roosevelt Ed Ctr Aggie Station Remodel	Design	51,770
A35181	Living Learning Center Parking Garage Vestibules	Sub Completion	103,824
A35463	Spectrum ADA Seating	Complete	25,501
A35569	Townhouse Stucco Proj Bldg 3	Pending	139,470
A35676	Merrill Cazier Lib Testing Ctr	Construction	2,108,650
A35677	PDP Air Handling Units	Design	323,950
A35868	Summit Hall Remodel	Sub Completion	1,202,845
A35971	PDP Refreshment	Design	691,570
A35997	NE Auxiliary Tunnel Extension	Sub Completion	480,836
A36118	Utility Meter Upgrades FY16	Pending	91,500
A36189	Gymnastics Room Relocation	Sub Completion	466,559
A36353	Track Resurfacing and Remodel	Sub Completion	437,065
A36388	North Core Utilities Replacement & Tunnel Expansion	Construction	3,591,015
A36466	BNR Roadway Replacement	Construction	329,926
A36467	Old Main Reroof-Center Section	Construction	766,381
A36468	Hydraulics Lab Landscape FY17	Construction	92,192
A36469	Medium Voltage Upgrade FY17	Pending	1,222,100
A36734	Classroom Upgrades FY17	Pending	275,847
A36735	Concrete Replacement FY17	Construction	300,023
A36736	Bike Racks/Site Furn FY17	Construction	45,662
A36737	Access Control FY17	Construction	72,795
A36738	Health, LS, Code, Asbestos FY17	Pending	137,637
A36739	E Stadium Restroom Reroof	Sub Completion	50,866
A36740	FAV Photo Lab Safety Ventilation	Design	367,000
A36741	Planning & Design FY17	Design	70,457

A36742	Univ Inn to Widstoe Steamline-Construction	Pending	788,400
A37078	FAV 210/215 Remodel Phase II	Sub Completion	151,007
A37174	Motor Pool East Parking Lot	Construction	243,478
A37302	South Farm New Dairy Barn	Design	1,237,688
A37303	South Farm Ram/Buck Barn	Construction	105,300
A37304	Facilities FM Suite Remodel	Construction	387,880
A37631	Student Living Center Snack Shop	Design	213,530
A37673	Huntsman Library Huntsman Hall	Construction	175,800
A37740	Roosevelt Ed Ctr Atrium Remodel	Construction	565,680
A38008	Blue Square Parking Expansion (NEW PROJECT)	Design	546,244
C11368	USUE Mechanical/Lighting upgrade	Sub Completion	877,397
C11461	USUE Infrastructure/Automation Upgrade	Sub Completion	461,857
C11508	USUE Career Center Upgrades	Construction	834,234
C11614	USUE Blanding Campus Mechanical FY16	Pending	45,662
C11615	USUE Geary Theatre Bldg Upgrades FY16	Construction	3,923,870
C11709	USUE Soccer Fields	Construction	316,553
TOTAL (75)			<u><u>\$42,888,003</u></u>



State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

DEPARTMENT OF TRANSPORTATION

CARLOS M. BRACERAS, P.E.
Executive Director

SHANE M. MARSHALL, P.E.
Deputy Director

December 5, 2016

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

Subject: Utah Department of Transportation Administrative Reports for the December 2016 Building Board Meeting.

Dear Jeff:

The following is a summary of the administrative report for the Utah Department of Transportation for the period of [September 2016 to November 2016](#). Please include this in the packet for the December 7, 2016 Building Board meeting.

New Architectural Contracts:

[Tie Fork Rest Area Leach Field](#)

[10 Salt Storage Facilities](#)

I-80 MP40 @ Knolls
Boulder Satellite Maintenance Station
Mt Carmel Maintenance Station
I-70 Exit 108 Lone Tree
Koosharem
Nash Wash SR-128 MP44
SR-28 @ County Line
SR-89 Sanpete County Line
SR-45 Bonanza
Moab

[Cottonwood Maintenance Facility:](#)

The design of the new Cottonwood Maintenance Facility is 99% complete. UDOT and DFCM plan to advertise this project in January.

[Snowville Maintenance Facility:](#)

The design for the new Snowville Maintenance facility is 80% complete. UDOT and DFCM will advertise this project in the Spring of 2017 with construction beginning after the new fiscal year.



State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

DEPARTMENT OF TRANSPORTATION

CARLOS M. BRACERAS, P.E.
Executive Director

SHANE M. MARSHALL, P.E.
Deputy Director

Salt Lake West Maintenance Facility

The design of the Salt Lake West Maintenance Facility is just beginning. The existing facility is being demolished due to the extension of the Mountain View Corridor Project. A land swap was just recently completed allowing the design to proceed.

Construction Projects:

Hooper Maintenance Facility:

The new Hooper Maintenance Station is complete.

Morgan Maintenance Station:

The new Morgan Maintenance Station is approximately 50% complete. The new access road and all associated utilities have been completed. The Main building is approximately 60% complete. Work has begun on the salt storage facility and the sander rack has also begun.

Report of Project Reserve Fund Activity

Increases:

None

Decreases:

None

Report of Contingency Reserve Fund

Increases:

None

Decreases:

None



State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

DEPARTMENT OF TRANSPORTATION

CARLOS M. BRACERAS, P.E.
Executive Director

SHANE M. MARSHALL, P.E.
Deputy Director

Representatives from Utah Department of Transportation will attend the Building Board meeting to present this information and address any questions the Board may have.

Sincerely,

Kevin E. Griffin, Director of Maintenance
Utah Department of Transportation

Enclosures

CC: Ryan Ellsworth, Facilities Project Manager

FY2016 BUILDING BOARD REPORT									
5-Dec-16									
DESCRIPTION / LOCATION	ENGINEERS ESTIMATE	ADVERTISE DATE	EST COMP DATE	ACTUAL COMP DATE	CONTRACT AMOUNT	Current Contract Expenditures	CURRENT CONTRACT AMOUNT	STATUS / COMMENTS	
REGION 1 CENTRAL									
New Storage Building	\$450,000	11/10/15	06/30/16		\$494,378	\$444,935	\$494,378	Review Phase	
Region One Complex									
REGION 2 CENTRAL									
Salt Storage Building	\$200,000	01/15/15	10/15/15		\$239,567	\$313,527	\$239,567	90% Complete	
MP 99 I-80									
Salt Storage Building	\$150,000	01/23/15	10/15/15	01/20/16	\$172,615	\$172,615	\$172,615	Complete	
MP 58 I-80									
Salt Storage Building	\$175,000	10/30/15	06/30/16		\$205,810	\$243,497	\$239,983	Complete	
Station 2421 Wendover									
REGION 3 CENTRAL									
Building for Tow Plow	\$150,000	02/25/14	09/30/14		\$309,385	\$298,527	\$309,385	99% Complete	
Station 3426 Spanish Fork									
Salt Storage Building	\$150,000	10/20/15	06/30/16		\$149,914	\$156,360	\$149,914	Complete	
Station 3422B Levan									
FY2014/2015 LAND AND BUILDINGS PROGRAM									
5-Dec-16									
DESCRIPTION / LOCATION	ENGINEERS ESTIMATE	ADVERTISE DATE	EST COMP DATE	ACTUAL COMP DATE	CONTRACT AMOUNT	Current Contract Expenditures	CURRENT CONTRACT AMOUNT	STATUS / COMMENTS	
REGION 4 CENTRAL									
Salt Storage Building	\$200,000	02/26/15	5/30/2016		\$284,056	\$293,287	\$284,056	99% Complete	
Station 4453 Moab									
Salt Storage Building	\$150,000	02/26/15	11/15/15		\$169,164	\$173,378	\$169,164	CO Issued	
Station 4483A Garrison									
Salt Storage Building	\$150,000	02/19/15	11/15/15		\$207,863	\$224,586	\$207,863	Complete	

New Harmony								
Salt Storage Building	\$250,000	10/05/15	06/30/16	08/22/16	\$259,911	\$249,740	\$259,911	CO Issued
Pintura								
Salt Storage Building Addition	\$50,000	10/26/15	06/30/16	08/22/16	\$56,655	\$67,453	\$56,655	CO Issued
Station 4484 Scipio								
POE/MOTOR CARRIERS CENTRAL								
New Inspection Building	\$250,000	03/17/15	11/15/15	06/28/16	\$398,981	\$408,352	\$398,981	CO Issued
Wendover POE								



Gary R. Herbert
Governor

Utah State Building Board

4110 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3010
Fax (801) 538-3844

MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 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 (Page 1)

No significant items

Professional Services Agreements, 28 Agreements Issued (Pages 2 - 3)

The Professional Services Agreements awarded during this period consist of:

15 Design Agreements, 13 Planning/Study/Other Agreements.

No significant items

Construction Contracts, 24 Contracts Issued (Pages 4 - 5)

The Construction Contracts awarded during this period consist of:

0 New Space Contracts, 17 Remodeling Contracts, 7 Paving/Roofing Contracts, 0 Other

Item #3, Murray Highway Patrol Office Roofing

Item #19, Brigham City National Guard Armory Re-roof

Funds from unallocated roofing used for contracts awards

Item #15, Tooele ATC Parking Lot Slurry Seal

Funds from unallocated paving used for contract award

Report of Contingency Reserve Fund (Pages 6 - 26)

Increases

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

Decreases, Capital Development

Capital Development started period with \$8,396,376 and ended with \$7,821,579, with 6 transfers to projects totaling \$575,261 and 1 transfer to the fund for \$464.

CUCF 192 Bed Pod Expansion

This transfer of \$207,831 covers change order #14. See attached pages #7 - 10 for details and contract summary.

Unified State Laboratory Module #2

This transfer of \$150,118 covers change order #8. See attached pages #11 - 14 for details and contract summary.

Salt Lake Center Schools for the Deaf and Blind

This transfer of \$93,756 covers change order #13. See attached pages #15 – 17 for details and contract summary.

Report of Contingency Reserve Fund Continued (Pages 6 - 26)

Decreases, Capital Improvement

Capital Improvement started period with \$6,980,203 and ended with \$6,947,848, with multiple transfers to projects totaling \$387,900 and multiple budgeted contingency transfers of \$355,545 to the fund.

USDC Infrastructure Improvements Phase III

This transfer of \$93,146 covers change orders #2 and #3. See attached pages #18 – 22 for details and contract summary.

UVU Student Activity Center Bleachers

This transfer of \$81,026 covers change orders #4 and #5. See attached pages #23 - 26 for details and contract summary.

Report of Project Reserve Fund Activity (Pages 27 - 29)

Development project reserve fund had one transfer from project for \$420,509, ending balance of \$3,285,856 and Improvement project reserve fund had multiple transfers to the fund of \$780,539 and 1 transfer out totaling \$63,005, ending balance of \$5,455,008.

Increases

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

Decreases

The decreases are to award construction contracts that were over budget.

This report also includes a total by Agency/Institution for increases and decreases to this reserve fund, on a rolling year basis. We will keep this updated, so you can see who has given and drawn from the Project Reserve Fund over the past year.

Contingency Reserve Fund Analysis (Pages 30 - 40)

This is a quarterly report for the State Building Board, which shows an analysis of estimated future demands on the Contingency Reserve Fund. It should be noted that this reserve fund only applies to projects funded with general funds, education funds, or general obligation bonds. The analysis assumes that contingency funds are utilized evenly over the life of the project. In reality, some projects have greater draws early in the project and others late in the project. So it is reasonable to assume that this averages into an even utilization of the contingency budget over the life of the project. The analysis lists all open construction contracts on open projects that have contributed to and are eligible to draw from the Contingency Reserve along with the percentage completion of the construction contract. The current projection is an estimated deficit of (\$1,105,805). This is due in large part, to the Legislature taking \$5,000,000 from this fund in FY2017.

Statewide Funds Reports (Pages 41 – 48)

No significant items

DDW:jr:ccn

Attachment: DFCM Report



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 10/15/2016 to 11/15/2016

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

NEW LEASES

1.									
----	--	--	--	--	--	--	--	--	--

AMENDMENTS

1.	99-0474 Public Safety Driver License 69 N 600 W Heber	Full	Office	05/01/17 – 06/30/20	3,117	3,117	\$20.00	\$21.00	Renew Lease for 3 years.
2.	10-1785 Capitol Preservation Board-Lessee Capitol Hill Assoc. Lessor State Capitol Bldg #85 Salt Lake City	Full	Office	01/01/15 – 01/01/19	2,050	3,725	\$22.95	\$22.96	Increase office space by adding 1,675 sq. ft.



State of Utah

Division of Facilities and Construction Management

Professional Contracts Awarded

Contract Type = P; Award Date >= 10/22/2016; and less than 11/27/2016

# Agency	Project Contract	Contract/Contractor	Type	Budget	Award
Miscellaneous Services					
1	Abc Stores	<u>15086030</u> <u>1770057</u> Abc West Valley Liquor Store Mueller Architectural Testing	Commissioning	\$10,000	\$14,500
2	Dept Of Transportation	<u>17219310</u> <u>1770142</u> Calvin Rampton Udot Administration Kw Engineering Kilowatt Engineering Inc.	Commissioning	\$0	\$42,350
3	Courts	<u>17261150</u> <u>1770143</u> Courts Matheson Courthouse Replace Fire Dry Pipe Protection Consultants Inc	Design	\$24,888	\$10,090
4	Corrections - Cucf	<u>17252110</u> <u>1770173</u> Department Of Corrections Cucf Special Management Design Sequence	Design	\$10,620	\$10,620
5	Corrections - Draper	<u>17254100</u> <u>1770110</u> Department Of Corrections Draper Prison A-block A Van Boerum & Frank Assoc Inc	Design	\$20,333	\$15,880
6	Corrections - Draper	<u>17256100</u> <u>1770109</u> Department Of Corrections Draper Prison Timpanoga Van Boerum & Frank Assoc Inc	Design	\$30,094	\$26,620
7	Corrections - Draper	<u>15310100</u> <u>1770170</u> Department Of Corrections New Utah State Correcti Colvin Engineering Associates	Energy	\$509,999	\$98,000
8	Agriculture	<u>17222010</u> <u>1770166</u> Dept Of Agriculture And Food William Spry Agricul Crsa Inc	Programming	\$310,000	\$285,468
9	Workforce Services	<u>17218920</u> <u>1770139</u> Dfcm Dws 1385 State Replace Hvac Units Jeff Wrig Whw Engineering Inc	Design	\$52,231	\$43,650
10	Dnr - Wildlife Resources	<u>17211520</u> <u>1770152</u> Dwr Great Basin Research Center Paving Upgrades Johansen & Tuttle Engineering	Design	\$4,351	\$5,380
11	Dfcm - Managed Buildings	<u>12249310</u> <u>1770149</u> Isf Contract Utah State Capitol Accessibility Ass Vcbo Architecture Llc	Unclass Consult	\$0	\$15,375
12	Juvenile Justice Services	<u>17317430</u> <u>1770168</u> Juvenile Justice Services Wasatch Youth Center Re Jrca Architects Inc	Programming	\$30,000	\$40,264
13	Administrative Services	<u>0300</u> <u>1770153</u> Landvision Licenses Lee Fairbourn Digital Map Products Inc	Unclass Consult	\$15,000	\$45,900
14	Mountainland Atc	<u>17273260</u> <u>1770126</u> Orem Matc Welding Compound Canopy Craig Mackay Design Sequence	Design	\$7,350	\$6,233



State of Utah

Division of Facilities and Construction Management

Professional Contracts Awarded

Contract Type = P; Award Date >= 10/22/2016; and less than 11/27/2016

# Agency	Project Contract	Contract/Contractor	Type	Budget	Award
Miscellaneous Services					
15 Utah Valley University	<u>15125790</u> <u>1770036</u>	Pre-construction Cost Estimating Layton Construct Layton Construction Company	Unclass Consult	\$42,655,391	\$47,148
16 Dept Of Comm & Culture	<u>17054080</u> <u>1770144</u>	Rio Grande Bldg Replace, Repair Restore Exterior W Reaveley Engineers & Associate	Design	\$47,910	\$47,906
17 Courts	<u>17173150</u> <u>1770125</u>	St. George Courts Upgrade Cooling Tower Rob Robi Van Boerum & Frank Assoc Inc	Design	\$7,256	\$6,656
18 Southern Utah University	<u>17186730</u> <u>1770151</u>	Suu Juniper Hall Parking Lot Tim Christensen Bowen Collins & Associates Inc.	Design	\$36,000	\$32,668
19 Dept Of Transportation	<u>16027900</u> <u>1770160</u>	Udot Salt Lake West Maintenance Station Mueller Jrca Architects Inc	Design	\$223,886	\$179,850
20 Health	<u>17315390</u> <u>1770161</u>	Unified Lab Upgrade Return/exhaust To Fan Walls W Whw Engineering Inc	Design	\$30,048	\$31,500
21 Dept Of Transportation	<u>14249900</u> <u>1770116</u>	Utah Department Of Transportation Hooper Maintena Western Technologies Inc.	Insp Observ Ser	\$30,000	\$13,879
22 National Guard	<u>17130470</u> <u>1770157</u>	Utah National Guard Draper Complex Fire Alarm Sys Protection Consultants Inc	Design	\$35,707	\$16,180
23 National Guard	<u>17128470</u> <u>1770141</u>	Utah National Guard Draper Complex West Electrica Spectrum Engineers Inc	Design	\$127,556	\$99,500
24 National Guard	<u>17241480</u> <u>1770165</u>	Utah National Guard - Camp Williams Building 9000 Ensign Engineering & Lands Surveying Inc	Design	\$15,000	\$15,658
25 Schools For Deaf & Blind	<u>17326230</u> <u>1770167</u>	Utah Schools For The Deaf And The Blind Springvil Jacoby Architects	Study	\$25,000	\$24,632
26 Utah State University	<u>17146770</u> <u>1770169</u>	Utah State University Life Science Building - Ene Colvin Engineering Associates	Energy	\$296,000	\$62,500
27 Utah State University	<u>17146770</u> <u>1770159</u>	Utah State University Life Science Building En Architectural Testing	Commissioning	\$425,000	\$63,790
28 Weber State University	<u>16050810</u> <u>1770148</u>	Weber State University Social Sciences Renovation R&r Environmental	Haz Mat Consult	\$50,000	\$49,970



State of Utah

Division of Facilities and Construction Management

Construction Contracts Awarded

Contract Type = C; Award Date >= 10/22/2016; and less than 11/27/2016

# Agency	Project Contract	Contract/Contractor	Type	Budget	Award
Miscellaneous Construction					
1 Corrections - Ap&p	<u>17089120</u> <u>1775168</u>	Corrections Cedar City Ap&p Building Reroof Rand Clarks Quality Roofing Inc	Roofing	\$43,200	\$40,550
2 Dfcm - Statewide Funds	<u>12107300</u> <u>1775169</u>	Department Of Alcoholic Beverage Control Hurrigan M&m Asphalt Service	Paving	\$961,430	\$13,870
3 Utah Highway Patrol	<u>15149550</u> <u>1775129</u>	Department Of Public Safety Murray Uhp - Data Ce Perkes Roofing Inc	Roofing	\$62,725	\$72,100
4 Dfcm - Managed Buildings	<u>12249310</u> <u>1775192</u>	Department Of Transportation Calvin Rampton Sidew C&r Coatings Llc	Const Remodel	\$100,000	\$19,350
5 Dept Of Transportation	<u>17229900</u> <u>1775191</u>	Department Of Transportation Mtf Building - Shop Jm Larsen Painting, Inc.	Const Site Imp	\$83,912	\$43,330
6 Dfcm - Managed Buildings	<u>12249310</u> <u>1775163</u>	Department Of Transportation Mtf Building Door Re Beacon Metals Inc	Const Remodel	\$100,000	\$14,826
7 Dnr - Parks & Recreation	<u>17142510</u> <u>1775167</u>	Division Of Natural Resources Anasazi State Park Noorda Bec Inc / noorda Architectural Metals	Roofing	\$60,000	\$51,380
8 Dnr - Parks & Recreation	<u>15247510</u> <u>1775181</u>	Division Of Parks And Recreation Great Salt Lake S And L Inc. (formerly Known As S & L Landscapi	Const Site Imp	\$1,272,265	\$26,950
9 Dnr - Wildlife Resources	<u>14378520</u> <u>1775197</u>	Division Of Wildlife Resources Fountain Green Hat John Greg Roberts dba J. Lyne Roberts & Sons, In	Const Remodel	\$348,171	\$338,886
10 Dixie Atc	<u>17161290</u> <u>1775156</u>	Dxatc Fencing Phase Ii Rob Robinson Tnb Welding / Terry N Bowler	Const Site Imp	\$41,580	\$34,160
11 Dfcm - Managed Buildings	<u>12249310</u> <u>1775201</u>	Isf Construction Contract Sob 6th Floor Remodel Ehp Construction Inc	Const Remodel	\$100,000	\$49,574
12 Dfcm - Managed Buildings	<u>12249310</u> <u>1775180</u>	Isf Construction Contract Spanish Fork Armory Wat Ralph Tye & Sons Inc	Const Remodel	\$100,000	\$10,232
13 Salt Lake Comm College	<u>15343660</u> <u>1775175</u>	Slcc Slcc Rrc Constr Trades Bldg Structural Asses Abstract Masonry Restoration	Const Remodel	\$15,000	\$13,000



State of Utah

Division of Facilities and Construction Management

Construction Contracts Awarded

Contract Type = C; Award Date >= 10/22/2016; and less than 11/27/2016

# Agency	Project Contract	Contract/Contractor	Type	Budget	Award
Miscellaneous Construction					
14 Salt Lake Comm College	<u>17077660</u> <u>1775151</u>	Sicc Sicc Rrc Tb Emergency Generator Replacement All-tech Electric	Const Remodel	\$197,473	\$127,550
15 Tooele Atc/usu Campus	<u>17212280</u> <u>1775128</u>	Ucat Tatc Slurry Seal Tim Christensen Morgan Pavement Maintenance dba Morgan Pavement	Paving	\$13,801	\$24,995
16 Dept Of Transportation	<u>14002900</u> <u>1775158</u>	Udot - Moab City Moab Lions Park Dwight Palmer Rod Lewis Construction Llc	Const Remodel	\$1,605,264	\$24,986
17 Dixie Atc	<u>15046290</u> <u>1775149</u>	Utah College Of Applied Technology Dxatc - Emerge M&m Asphalt Service	Paving	\$56,560	\$23,959
18 Dept Of Transportation	<u>17045810</u> <u>1775152</u>	Utah Department Of Transportation Colton Station Creative Times Inc	Const Site Imp	\$500,000	\$439,363
19 National Guard	<u>17086470</u> <u>1775187</u>	Utah National Guard Brigham City Armory Reroof R Perkes Roofing Inc	Roofing	\$179,001	\$194,200
20 National Guard	<u>17319480</u> <u>1775171</u>	Utah National Guard Camp Williams Tickville Road Drd Paving Llc	Const Remodel	\$24,837	\$24,837
21 National Guard	<u>17313480</u> <u>1775155</u>	Utah National Guard Draper Complex - Security Upg Utah Correctional Industries	Const Remodel	\$410,000	\$410,000
22 Utah Valley University	<u>17069790</u> <u>1775157</u>	Utah Valley University Campus Storm Water Improve Broderick & Henderson Construction Lc	Const Remodel	\$243,000	\$139,000
23 Utah Valley University	<u>17141790</u> <u>1775024</u>	Utah Valley University Health Professions Buildin Dds Constructors Llc	Const Remodel	\$80,000	\$12,590
24 Utah Valley University	<u>17070790</u> <u>1775188</u>	Uvu Uvu Gunther Trades Transformer Dwight Palmer Probst Electric Inc	Const Remodel	\$119,000	\$98,320

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

Dec-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
FY 2017 BEGINNING BALANCE			8,396,376.26	6,980,202.72	7,415.55				
FUNDING									
15349	WSU	Ground Source Geothermal Field	-	113,065.00	-	46,764.00	1.68%	Construction	97%
15131	OWATC	BDO Roof	-	71,605.56	-	-	0.00%	Closed	100%
17322	DOC	CUCF - Infrastructure Metering	-	55,499.00	-	-	0.00%	Pending	0%
15370	UBATC	Emergency HVAC Controls	-	53,575.00	-	-	0.00%	Construction	31%
17315	Health	Unified Lab Exhaust Return Fan Wall	-	30,121.00	-	-	0.00%	Design	0%
15023	DNR	DWR - Hardware Ranch Water System	-	25,123.00	-	-	0.00%	Construction	52%
17312	Courts	Tooele HVAC Controls Upgrade	-	3,316.00	-	-	0.00%	Pending	0%
17311	Courts	Matheson HVAC Automation	-	3,240.00	-	-	0.00%	Pending	0%
OTHER INCREASES									
13336	UOFU	Huntsman Cancer Phase IV	463.47	-	-	243,101.50	0.26%	Construction	76%
DECREASES									
08231	CUCF	192 Bed Pod Expansion	(207,831.00)	-	-	1,720,950.35	5.44%	Closeout	92%
13020	DFCM	Unified Lab Module 2	(150,118.00)	-	-	697,017.00	2.00%	Construction	89%
14190	DEAF & BLIND	New SLC Building	(93,756.00)	-	-	555,358.62	3.85%	Construction	95%
17019	DHS	USDC-Infrastructure Phase III	-	(93,146.30)	-	93,146.30	5.46%	Construction	87%
11065	USH	Building Consolidation	(92,000.00)	-	-	2,121,453.00	6.90%	Closed	100%
15178	UVU	Student Activity Center Bleachers	-	(81,025.73)	-	200,497.43	10.11%	Construction	14%
17222	Agriculture	New Building Planning	-	(60,000.00)	-	60,000.00	19.35%	Programming	0%
12222	USDC	Evergreen Bldg HVAC Replacement	-	(32,518.60)	-	45,078.60	2.48%	Construction	49%
14068	DHS	USDC Durable Housing Units	(19,121.55)	-	-	92,282.82	0.89%	Construction	82%
15044	WSU	Marriot Bldg Controls Upgrade	-	(18,332.91)	-	18,332.91	4.89%	Construction	0%
14254	SLCC	SCC Main Bldg HVAC Controls	-	(14,293.67)	-	14,293.67	3.71%	Construction	93%
14202	UNG	West Jordan Armory Upgrade	-	(13,020.31)	-	52,522.11	2.77%	Construction	94%
15112	UDOT	Richmond Water Line	-	(12,616.23)	-	130,903.23	37.26%	Closeout	100%
14385	USU	Fine Arts Complex Addition	(12,434.53)	-	-	45,872.46	0.30%	Construction	59%
17024	DFCM	Heber Wells Bathroom Remodel 1,3,5,6	-	(9,416.45)	-	9,416.45	2.06%	Construction	0%
15023	DNR	DWR - Hardware Ranch Water System	-	(9,360.58)	-	9,360.58	2.56%	Construction	52%
17011	UVU	Boilers Replacement	-	(8,993.17)	-	8,993.17	1.32%	Construction	0%
17017	SLCC	RRC-Tech Bldg Restroom Remodel	-	(5,770.05)	-	5,770.05	0.76%	Construction	14%
14089	DFCM	Ogden Reg Fire Sprinkler Deficiencies/Pump	-	(4,984.00)	-	4,984.00	5.31%	Closeout	99%
15209	UNG	Spanish Fork Readiness Ctr Entrance	-	(4,054.71)	-	4,054.71	1.12%	Construction	0%
14248	Agriculture	SF Veterinary Bldg	-	(3,975.00)	-	66,510.20	6.39%	Closed	100%
15062	DATC	ADA Restroom Upgrades	-	(3,506.98)	-	3,506.98	0.55%	Construction	50%
15114	BATC	West Campus Infrastructure	-	(3,195.63)	-	19,143.73	3.41%	Closeout	96%
15230	Parks	Rockport Entrance Station	-	(2,995.75)	-	2,995.75	0.83%	Construction	4%
14058	CPB	Mormon Battalion Repairs	-	(2,909.23)	-	86,137.93	5.25%	Closeout	100%
15182	UVU	Health Professions Bldg Air Handler	-	(2,780.70)	-	2,780.70	1.53%	Construction	0%
17136	DPS	Fremont Cooling Tower	-	(736.00)	-	736.00	1.15%	Construction	0%
14114	DHS	USH Chapel Reroof	-	(267.38)	-	6,857.95	2.45%	Closed	100%
TOTAL			7,821,578.65	6,947,847.90	7,415.55				



Construction Change Order

Construction Change Order			
Description:	LAYTON CONSTRUCTION CUCF 192 BED BRIAN BALES	Status:	CO EXECUTED
		Change Order Date:	Oct 13, 2016
		Total Amount:	\$180,826.00
		New End Date:	Sep 16, 2016
Capital Project:	08231110 (CUCF 192 BED POD EXPANSION/288 BED DESGN)		

Contractor		Original		Change	
Contractor:	66309F (LAYTON CONSTRUCTION COMPANY)	Award:	\$28,170,000.00	Award:	\$28,170,000.00
		Change Order:	\$1,456,984.00	Change Order:	\$1,637,810.00
		Total:	\$29,626,984.00	Total:	\$29,807,810.00
Address Code:	001 (9090 S SANDY PKY, SANDY, UT 84070-6409)	Start:	Mar 26, 2015	Start:	Mar 26, 2015
Contract:	157854	End:		End:	Sep 16, 2016

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	ASI 26 FLOOR COVERING MODIFICATION	001	CONSTRUCTION	AGENCY SCOPE-P	\$(27,005.00)	Sep 16, 2016
002	CCD 4 EXISTING STEAM LINE TEST AND INSPECTION	001	CONSTRUCTION	UNK COND-CONTIN	\$21,212.00	
003	CCD 6 MODIFY INTAKE ROOF ACCESS LADDER	001	CONSTRUCTION	AE OMISSION-CON	\$8,287.00	
004	COLUME BASE PLATE COVERS	001	CONSTRUCTION	AE OMISSION-CON	\$5,470.00	
005	RELOCATE 3 SECURITY CAMERAS, EXISTING LOCATION IS HAZARDOUS FOR MAINTENANCE DUE TO CONSTANTINE WIRE	001	CONSTRUCTION	UNK COND-CONTIN	\$4,767.00	
006	MONROE CLERSTORY WINDOW FRAMING AND DRYWALL	001	CONSTRUCTION	AE OMISSION-CON	\$2,179.00	
007	RFI 376-377 ADDITIONAL WORK TO MAKE 10" WATER CONNECTION	001	CONSTRUCTION	AE OMISSION-CON	\$13,400.00	
008	RFI 365 CONNECT 8" FIRE LINE TO 10" WATER MAIN-ADD PIV MONITORED	001	CONSTRUCTION	AE OMISSION-CON	\$4,529.00	
009	RELOCATE 3 SECURITY CAMERAS INSIDE INTAKE BUILDING TO PROVIDE BETTER VIEWS OF HOLDING AREA	001	CONSTRUCTION	AE OMISSION-CON	\$4,998.00	
010	RFI 374 PROVIDE BACK SPLASH AT W1 CENTER CABINETS	001	CONSTRUCTION	AE OMISSION-CON	\$6,414.00	
011	ADD INTERCOMAT DOOR W158	001	CONSTRUCTION	AE OMISSION-CON	\$3,494.00	
012	FLIR CAMERA CHANGES AND ADDITIONS REQUIRED TO PROVIDE BETTER COVERAGE	001	CONSTRUCTION	UNK COND-CONTIN	\$75,270.00	



Construction Change Order

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
013	CHANGE PAVING TYPE FOR A SEGMENT OF ROADWAY	001	CONSTRUCTION	UNK COND-CONTIN	\$8,717.00	
014	ADD SEWER MANHOLE AT SOUTH SEWER LINE	001	CONSTRUCTION	UNK COND-CONTIN	\$4,312.00	
015	TIME EXTENSION AND SUPERVISION OF CHANGES, GENERAL CONDITION COSTS ASSOCIATED WITH THIS ENTIRE CHANGE ORDER.	001	CONSTRUCTION	DFCM SCOPE-CONT	\$44,782.00	



State of Utah

Division of Facilities and Construction Management

Construction Contract = 157854

Construction Contract Summary

157854 - Utah Department Of Corrections | Central Utah Corrections Fac

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

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

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

Funding Sources

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

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	08231110#11	Invoice Released	\$1,619,051.75
4/4/16	08231110#12	Invoice Released	\$2,014,377.15
5/5/16	08231110#13	Invoice Released	\$2,652,452.96
6/9/16	08231110#14	Invoice Released	\$2,011,413.15
7/22/16	08231110#15	Invoice Released	\$1,571,066.30
9/6/16	08231110#17	Invoice Released	\$613,251.60
9/6/16	08231110#16	Invoice Released	\$1,198,416.45
10/11/16	08231110#18	Invoice Released	\$177,768.75
11/9/16	08231110#19	Invoice Released	\$115,722.35

Change Order Summary

Awards

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

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
4/7/16	CO 008	Co Executed	\$106,357.00
5/2/16	CO 009	Co Executed	\$145,221.00
5/19/16	CO 010	Co Executed	\$73,352.00
5/31/16	CO 011	Co Executed	\$102,109.00
7/14/16	CO 012	Co Executed	\$0.00



State of Utah

Division of Facilities and Construction Management

Construction Contract = 157854

Construction Contract Summary

Date	Invoice #	Status	Amount
Total Payments:			\$ 27,074,114.60

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
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
3/1/16	157854#11	Invoice Released	\$85,213.25
4/4/16	157854#12	Invoice Released	\$106,019.85
5/5/16	157854#13	Invoice Released	\$139,602.79
6/9/16	157854#14	Invoice Released	\$105,863.85
7/22/16	157854#15	Invoice Released	\$82,687.70
9/6/16	157854#16	Invoice Released	\$63,074.55
9/6/16	157854#17	Invoice Released	\$32,276.40
10/11/16	157854#18	Invoice Released	\$9,356.25
11/9/16	157854#19	Invoice Released	\$6,090.65
Retainage Total:			\$1,424,953.40

Release Summary

Release Date	Release	Amount
11/17/16	Release # 1	\$ 712,476.70
	Release # 2	
	Release # 3	
	Release # 4	
	Release # 5	
Release Total:		\$ 712,476.70
Net Retainage:		\$ 712,476.70

Contract Summary

Adjusted Contract Value:	\$ 30,114,717.00
Paid to Contractor:	\$27,074,114.60
Retainage to Bank:	\$1,424,953.40
Total Paid:	\$28,499,068.00
Contract Balance:	\$1,615,649.00

Contractor Summary

Adjusted Contract Value:	\$ 30,114,717.00
Paid to Contractor:	\$27,074,114.60
Retainage Releases:	\$712,476.70
Total Paid to Contractor:	\$27,786,591.30

Change Orders

Date	Number	Status	Amount
8/14/16	CO 013	Co Executed	\$131,333.00
10/13/16	CO 014	Co Executed	\$180,826.00
10/13/16	CO 015	Co Executed	\$0.00
11/14/16	CO 016	Co Accounting Review	\$306,907.00
Change Order Total:			\$1,944,717.00
Total Amendments (Less: Award Bid Pack Changes):			\$1,944,717.00
Adjusted Contract Value:			\$30,114,717.00

Change Order % of Original: 6.90%
 Percentage of Contract Paid: 94.64%

Dates		Days	
From	To	Target	Lapsed
3/26/15	9/16/16	540	612
Adjusted	Substantial	Original	Days
9/16/16	10/28/16	7/30/16	
Percentage of Time Lapsed:			113.33%

Reasons for Change Orders

Reason	Percent	Amount
Ae Omission-oth	0.00%	\$0.00
Ae Omission-prj	6.06%	\$117,908.00
Agency Scope-c	0.14%	\$2,696.00
Dfcm Scope-cont	4.46%	\$86,727.00
Ae Error-contin	0.14%	\$2,651.00
Agency Scope-p	-6.61%	-\$128,483.00
Dfcm Scope-proj	-4.43%	-\$86,209.35
Unk Cond-contin	26.42%	\$513,762.25
Unk Cond-other	0.00%	\$0.00
	0.00%	\$0.00
Ae Omission-con	73.82%	\$1,435,665.10
Unk Cond-projec	0.00%	\$0.00
Total Changes (less Award Bid Packs):		\$1,944,717.00



Construction Change Order

Construction Change Order			
Description:	UNIFIED STATE LAB MODULE 2 CO#8 BIG D CONSTRUCTION MATT BOYER	Status:	CO EXECUTED
		Change Order Date:	Sep 29, 2016
		Total Amount:	\$183,603.00
		New End Date:	Dec 5, 2016
Capital Project:	13020300 (UNIFIED STATE LABORATORY MODULE #2 FOR MEDICAL EXAMINER, AGRICULTURE LABS, AND CRIME LABS)		

Contractor		Original		Change	
Contractor:	12332C (BIG D CONSTRUCTION CORPORATION)	Award:	\$32,489,258.00	Award:	\$32,489,258.00
		Change Order:	\$731,836.00	Change Order:	\$915,439.00
		Total:	\$33,221,094.00	Total:	\$33,404,697.00
Address Code:	001 (404 WEST 400 SOUTH, SALT LAKE CITY, UT 84101)	Start:	Jul 8, 2015	Start:	Jul 8, 2015
Contract:	157419	End:		End:	Dec 5, 2016

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	PCO 136 - ADD CONDENSATE DRAINS FOR FCU-3 & 4 IN ROOMS 100M & 100L.	001	CONSTRUCTION	AE OMISSION-CON	\$2,444.00	
002	PCO 150 - INSTALL NEW EXHAUST DUCT CONNECTION FOR EQUIPMENT IN ROOM 314A THAT AGENCY MISSED IN DESIGN.	001	CONSTRUCTION	AGENCY SCOPE-P	\$25,336.00	Nov 28, 2016
003	PCO 126 - CHANGE HEIGHT OF OVERHEAD DOORS & REFRAMED HEADERS TO SUPPORT BRICK TO MEET THE REQUIREMENTS OF THE OVERHEAD DOOR MANUFACTURER.	001	CONSTRUCTION	UNK COND-CONTIN	\$7,924.00	
004	PCO 158 - ADDED COMPRESSED AIR TO SUPPORT RELOCATION OF EXISTING STERILIZER IN ROOM 314. AG MISSED THIS DURING DESIGN.	001	CONSTRUCTION	AGENCY SCOPE-C	\$9,369.00	
005	PCO #159 - ADD SHELVING DIVIDERS BETWEEN WAREHOUSE SHELVING AND GATES TO ISOLATE ROWS OF SHELVING.	001	CONSTRUCTION	AE OMISSION-CON	\$4,442.00	
006	PCO #160 - ADDED VCT FLOORING TO COVER RAISED FLOORING OF THE HIGH DENSITY STORAGE.	001	CONSTRUCTION	AE OMISSION-CON	\$4,904.00	
007	PCO #162 - ADDED DRYWALL COLUMN AND BEAM WRAPS TO EXPOSED STRUCTURE IN THE STAIR WAYS.	001	CONSTRUCTION	AE OMISSION-CON	\$34,745.00	Dec 1, 2016



Construction Change Order

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
008	PCO #163 - ADDED GAS PIPING TO THE BSC IN ROOM 312.	001	CONSTRUCTION	AE OMISSION-CON	\$1,604.00	
009	PCO #164 - CHANGED THE LIGHTING CONTROLS IN THE SALLY PORT TO MOTION SENSORS RATHER THAN SWITCHES.	001	CONSTRUCTION	AGENCY SCOPE-P	\$2,528.00	
010	PCO #165 - ADDED FURRING BEHIND SPANDREL GLAZING IN THE CODIS ROOM 216.	001	CONSTRUCTION	AGENCY SCOPE-P	\$2,412.00	
011	PCO #168 - DELETED & MOVED LIGHT FIXTURES AT THE WEST SOFFIT SO THEY WERE MAINTAINABLE.	001	CONSTRUCTION	AGENCY SCOPE-P	\$1,070.00	
012	PCO # 169 - ADDED A SAFETY TIE OFF BEAM AT THE TUNNEL ENTRANCE.	001	CONSTRUCTION	AGENCY SCOPE-P	\$2,139.00	
013	PCO #170 - ADDED INTEGRAL BOTTLE FILLERS AT THE DRINKING FOUNTAINS.	001	CONSTRUCTION	AE OMISSION-CON	\$5,123.00	
014	PCO #173 - CHANGED THE VOLTAGE FOR THE OVERHEAD DOORS TO MATCH THE REQUIRED VOLTAGE OF THE PROVIDED OH DOOR MANUFACTURER.	001	CONSTRUCTION	UNK COND-CONTIN	\$3,610.00	
015	PCO #174 - ADDED PIPING TO FIXTURE LA5.	001	CONSTRUCTION	AE OMISSION-CON	\$7,822.00	
016	PCO #175 - ADD REMOTE TEST SWITCHES FOR THE DUCT SMOKE DETECTORS.	001	CONSTRUCTION	AGENCY SCOPE-C	\$13,423.00	
017	PCO #178 - MOVE THE MICORWAVE DIGESTER FROM ONE ROOM TO ANOTHER & ADD COMPRESSED AIR TO THE GRINDING ROOM.	001	CONSTRUCTION	AGENCY SCOPE-C	\$46,467.00	Dec 5, 2016
018	PCO #181 - ADDED PANELING BEHIND THE FROSTED WINDOW SECTION TO CREATE MORE OPACITY IN THE GLAZING.	001	CONSTRUCTION	AE OMISSION-CON	\$6,027.00	
019	PCO #186 - CHANGED THE ACCENT COLOR AT LEVEL 3. THE COLOR THE AGENCY AGREED TO WAS VERY DISTRACTING AND NEEDED TO BE CHANGED.	001	CONSTRUCTION	UNK COND-CONTIN	\$2,214.00	



State of Utah

Division of Facilities and Construction Management

Construction Contract = 157419

Construction Contract Summary

157419 - Public Safety, Department Of Agriculture, Department Of Heal

Project Title:	Unified State Laboratory Module #2 For Medical Examiner, Agriculture Labs, And Crime Labs	Vendor #:	12332C
Project #:	13020300	Big D Construction Corporation 404 West 400 South Salt Lake City, Ut 84101	
Program Director:	Matt Boyer (173189)	Status:	Notice To Proceed
Open PO's-Prj:	(2) for <u>\$12,500.00</u>	DO #:	150804000030413
Contract Name:	Public Safety, Department Of Agriculture, Department Of Heal	Retainage #:	8695450
Contract Type:	Const New Space	Unified State Lab - Module 2 Health Medical Exami	
Component Group:	Construction		
Building:	17133		

Component:	Construction (8)	Expense Budget:	6811
Account:	3000-300-3337-FWA-13020300	Construction Dev New Spc	

Funding Sources

Funding Source	Budget %	Appropriation	Allotment
GFFY2014	100.00	\$2,000,000.00	\$0.00
Funding Totals:	100.00	\$2,000,000.00	\$0.00

Payment Summary

Date	Invoice #	Status	Amount
8/4/15	043219	Invoice Released	\$772,883.12
9/16/15	043329	Invoice Released	\$675,779.28
10/19/15	043441	Invoice Released	\$1,137,223.01
11/18/15	043558	Invoice Released	\$1,099,709.94
12/11/15	043636	Invoice Released	\$1,586,459.29
1/13/16	043806	Invoice Released	\$1,396,125.99
2/9/16	043840	Invoice Released	\$1,772,736.67
3/14/16	043945	Invoice Released	\$2,627,451.86
4/15/16	044008	Invoice Released	\$3,507,715.62
5/23/16	044140	Invoice Released	\$2,188,236.72
6/9/16	044288	Invoice Released	\$2,475,747.44
7/22/16	044300	Invoice Released	\$2,269,849.02
9/6/16	13020300#13	Invoice Released	\$2,618,468.49
9/19/16	13020300#14	Invoice Released	\$1,798,640.05
10/24/16	13020300#15	Invoice Released	\$1,520,718.27
11/16/16	13020300#16	Invoice Released	\$1,945,610.61
Total Payments:			\$ 29,393,355.38

Change Order Summary

Awards			
Award Date	Number	Amount	
06/30/2015	A001	\$32,489,258.00	
Total Award:		\$ 32,489,258.00	
Change Orders			
Date	Number	Status	Amount
11/3/15	CO 001	Co Executed	\$57,769.00
2/9/16	CO 002	Co Executed	\$127,832.00
3/8/16	CO 003	Co Executed	\$138,292.00
4/21/16	CO 004	Co Executed	\$142,364.00
5/24/16	CO 005	Co Executed	\$71,198.00
7/20/16	CO 006	Co Executed	\$127,005.00
8/22/16	CO 007	Co Executed	\$67,376.00
9/29/16	CO 008	Co Executed	\$183,603.00
Change Order Total:			\$915,439.00
Total Amendments (Less: Award Bid Pack Changes):			\$915,439.00
Adjusted Contract Value:			\$33,404,697.00

Retainage Summary

Date	Invoice #	Status	Amount
8/4/15	157419#1	Invoice Released	\$40,678.06



State of Utah

Division of Facilities and Construction Management

Construction Contract = 157419

Construction Contract Summary

Retainage Summary

Date	Invoice #	Status	Amount
9/16/15	157419#2	Invoice Released	\$35,567.33
10/19/15	157419#3	Invoice Released	\$59,853.84
11/18/15	157419#4	Invoice Released	\$57,879.47
12/11/15	157419#5	Invoice Released	\$83,497.86
1/13/16	157419#6	Invoice Released	\$73,480.32
2/9/16	157419#7	Invoice Released	\$93,301.93
3/14/16	157419#8	Invoice Released	\$138,286.94
4/15/16	157419#9	Invoice Released	\$184,616.61
5/23/16	157419#10	Invoice Released	\$115,170.35
6/9/16	157419#11	Invoice Released	\$130,302.50
7/22/16	157419#12	Invoice Released	\$119,465.74
9/6/16	157419#13	Invoice Released	\$137,814.13
9/19/16	157419#14	Invoice Released	\$94,665.26
10/24/16	157419#15	Invoice Released	\$80,037.81
11/16/16	157419#16	Invoice Released	\$102,400.55
Retainage Total:			\$1,547,018.70

Release Summary

Release Date	Release	Amount
	Release # 1	
	Release # 2	
	Release # 3	
	Release # 4	
	Release # 5	
	Release Total:	\$ 0.00
	Net Retainage:	\$ 1,547,018.70

Contract Summary

Adjusted Contract Value:	\$ 33,404,697.00
Paid to Contractor:	\$29,393,355.38
Retainage to Bank:	\$1,547,018.70
Total Paid:	\$30,940,374.08
Contract Balance:	\$2,464,322.92

Contractor Summary

Adjusted Contract Value:	\$ 33,404,697.00
Paid to Contractor:	\$29,393,355.38
Retainage Releases:	\$.00
Total Paid to Contractor:	\$29,393,355.38
Contractor Balance:	\$4,011,341.62

Change Order % of Original: 2.82%

Percentage of Contract Paid: 92.62%

Dates		Days	
From	To	Target	Lapsed
7/8/15	12/5/16	516	508
Adjusted	Substantial	Original	Days
12/5/16		10/30/16	

Percentage of Time Lapsed: 98.45%

Reasons for Change Orders

Reason	Percent	Amount
Dfcm Scope-proj	4.95%	\$45,327.00
Ae Omission-prj	0.38%	\$3,496.00
Unk Cond-other	3.51%	\$32,112.00
Agency Scope-p	13.67%	\$125,181.00
Unk Cond-contin	23.12%	\$211,652.00
Ae Omission-con	43.21%	\$395,536.00
Dfcm Scope-cont	-6.35%	-\$58,086.00
Ae Error-contin	1.55%	\$14,214.00
Dfcm Scope-oth	1.34%	\$12,306.00
Agency Scope-c	14.61%	\$133,701.00
Total Changes (less Award Bid Packs):		\$915,439.00



Construction Change Order

Construction Change Order			
Description:	VARIOUS PCO'S UTAH SCHOOLS FOR THE DEAF AND THE BLIND SALT LAKE CENTER DAVID MCKAY	Status:	CO EXECUTED
		Change Order Date:	Sep 19, 2016
		Total Amount:	\$93,756.00
		New End Date:	
Capital Project:	14190230 (SALT LAKE CENTER, UTAH SCHOOLS FOR THE DEAF & BLIND SALT LAKE CENTER DESIGN & CONSTRUCTION)		

Contractor		Original		Change	
Contractor:	VC0000148433 (WADMAN CORP)	Award:	\$12,370,000.00	Award:	\$12,370,000.00
		Change Order:	\$1,342,971.62	Change Order:	\$1,436,727.62
		Total:	\$13,712,971.62	Total:	\$13,806,727.62
Address Code:	001 (P.O. BOX 1458, 2920 SOUTH 925 WEST, OGDEN, UT 84402)	Start:	Jul 28, 2015	Start:	Jul 28, 2015
Contract:	157416	End:		End:	

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	PCO 38 ADDITIONAL FIRE ALARM REQUIREMENTS INCLUDING ADDITIONAL ITEMS FROM THE FIRE MARSHAL	001	CONSTRUCTION	DFCM SCOPE-CONT	\$10,894.00	
002	PCO 56 ADD WATER SUB-METER.	001	CONSTRUCTION	AE OMISSION-CON	\$3,667.00	
003	PCO 57 ADD BUILDING NAME SIGNAGE	001	CONSTRUCTION	AGENCY SCOPE-C	\$8,710.00	
004	PCO 58 ADD FROSTED FILM AT CERTAIN INTERIOR CONFERENCE ROOMS	001	CONSTRUCTION	AE OMISSION-CON	\$5,189.00	
005	PCO 59 ADD CABLING	001	CONSTRUCTION	DFCM SCOPE-CONT	\$3,815.00	
006	PCO 60 ADD WIRELESS ACCESS POINTS NOT SHOWN IN DRAWINGS	001	CONSTRUCTION	AE OMISSION-CON	\$19,451.00	
007	PCO 61 ADDITIONAL FLOOR PREPARATION REQUIRED FOR HEARING LOOP WIRING	001	CONSTRUCTION	UNK COND-CONTIN	\$1,815.00	
008	PCO 62 REDUCE SIZE OF STAGE CURTAIN DUE TO UNFORSEEN DUCT. (CREDIT)	001	CONSTRUCTION	UNK COND-CONTIN	\$(3,420.00)	
009	PCO 64 FINISH NEW IDF ROOM TO ALLOW FUTURE EXPANSION OF NETWORK	001	CONSTRUCTION	AE OMISSION-CON	\$42,397.00	
010	PCO 65 ADD SHIELDS TO EXTERIOR PARKING LOT POLE LIGHTS TO MITIGATE EFFECTS ON NEIGHBORS.	001	CONSTRUCTION	DFCM SCOPE-CONT	\$1,238.00	



State of Utah

Division of Facilities and Construction Management

Construction Contract = 157416

Construction Contract Summary

157416 - Utah Schools For The Deaf And Blind | Salt Lake Center | David

Project Title:	Salt Lake Center, Utah Schools For The Deaf & Blind Salt Lake Center Design & Construction	Vendor #:	VC0000148433
Project #:	<u>14190230</u>		Wadman Corp
Program Director:	Dave McKay (117038)		P.o. Box 1458
Open PO's-Prj:	(1) for <u>\$3,900.00</u>		Ogden, Ut 84402
Contract Name:	Utah Schools For The Deaf And Blind Salt Lake Center David	Status:	Notice To Proceed
Contract Type:	Const New Space	DO #:	150804000030489
Component Group:	Construction	Retainage #:	8695457
Building:	(2) 17358		Utah Schools For The Deaf And Blind Salt Lake Ce

Component:	Construction (8)	Expense Budget:	6400
Account:	<u>3000-300-3338-FWD-14190230</u>		Remodel & Improve Curernt Expense

Component:	Construction (8)	Expense Budget:	6811
Account:	<u>3000-300-3338-FWD-14190230</u>		Construction Dev New Spc

Funding Sources

Funding Source	Budget %	Appropriation	Allotment
EDFY2015	100.00	\$1,300,000.00	\$0.00
Funding Totals:	100.00	\$1,300,000.00	\$0.00

Payment Summary

Date	Invoice #	Status	Amount
8/5/15	14190230-1	Invoice Released	\$140,863.08
9/4/15	14190230-2	Invoice Released	\$645,275.69
10/2/15	14190230-3	Invoice Released	\$442,753.01
10/29/15	14190230-4	Invoice Released	\$1,167,061.58
12/11/15	14190230-5	Invoice Released	\$1,303,902.14
1/15/16	14190230-6	Invoice Released	\$921,720.57
2/2/16	14190230-7	Invoice Released	\$756,406.27
3/3/16	14190230-8	Invoice Released	\$932,531.91
3/31/16	14190230-9	Invoice Released	\$752,356.79
5/23/16	14190230-10	Invoice Released	\$1,460,381.44
6/9/16	14190230-11	Invoice Released	\$1,745,490.56
7/22/16	14190230#12	Invoice Released	\$1,153,966.44
9/6/16	14190230#13	Invoice Released	\$1,085,202.50
9/8/16	14190230#14	Invoice Released	\$357,426.66
10/24/16	14190230#15R	Invoice Released	\$114,184.89
	Total Payments:		\$ 12,979,523.53

Change Order Summary

Awards		
Award Date	Number	Amount
06/25/2015	A001	\$12,370,000.00
	Total Award:	\$ 12,370,000.00

Change Orders

Date	Number	Status	Amount
10/2/15	CO 001	Co Executed	\$33,666.00
10/9/15	CO 002	Co Executed	\$17,342.00
11/19/15	CO 003	Co Executed	\$719,567.00
11/20/15	CO 004	Co Executed	\$6,145.00
12/3/15	CO 005	Co Executed	\$55,600.00
12/14/15	CO 006	Co Executed	\$13,802.00
2/29/16	CO 007	Co Executed	\$140,201.00
4/1/16	CO 008	Co Executed	\$10,225.00
5/11/16	CO 009	Co Executed	\$44,221.00
6/3/16	CO 010	Co Executed	\$81,027.00
7/18/16	CO 011	Co Executed	\$150,081.00



State of Utah

Division of Facilities and Construction Management

Construction Contract = 157416

Construction Contract Summary

Retainage Summary

Date	Invoice #	Status	Amount
8/5/15	157416#1	Invoice Released	\$7,413.85
9/4/15	157416#2	Invoice Released	\$33,961.88
10/2/15	157416#3	Invoice Released	\$23,302.79
10/29/15	157416#4	Invoice Released	\$61,424.29
12/11/15	157416#5	Invoice Released	\$68,626.43
1/15/16	157416#6	Invoice Released	\$48,511.61
2/2/16	157416#7	Invoice Released	\$39,810.86
3/3/16	157416#8	Invoice Released	\$49,080.63
3/31/16	157416#9	Invoice Released	\$39,597.73
5/23/16	157416#10	Invoice Released	\$76,862.17
6/9/16	157416#11	Invoice Released	\$91,867.92
7/22/16	157416#12	Invoice Released	\$60,735.08
9/6/16	157416#13	Invoice Released	\$57,115.92
9/8/16	157416#14	Invoice Released	\$18,811.93
Retainage Total:			\$677,123.09

Release Summary

Release Date	Release	Amount
10/11/16	Release # 1	\$ 335,706.93
	Release # 2	
	Release # 3	
	Release # 4	
	Release # 5	
Release Total:		\$ 335,706.93
Net Retainage:		\$ 341,416.16

Contract Summary

Adjusted Contract Value:	\$ 13,847,905.62
Paid to Contractor:	\$12,979,523.53
Retainage to Bank:	\$677,123.09
Total Paid:	\$13,656,646.62
Contract Balance:	\$191,259.00

Contractor Summary

Adjusted Contract Value:	\$ 13,847,905.62
Paid to Contractor:	\$12,979,523.53
Retainage Releases:	\$335,706.93
Total Paid to Contractor:	\$13,315,230.46
Contractor Balance:	\$532,675.16

Change Orders

Date	Number	Status	Amount
8/23/16	CO 012	Co Executed	\$71,094.62
9/19/16	CO 013	Co Executed	\$93,756.00
10/11/16	CO 014	Co Requested	\$41,178.00
Change Order Total:			\$1,477,905.62
Total Amendments (Less: Award Bid Pack Changes):			\$1,477,905.62
Adjusted Contract Value:			\$13,847,905.62
Change Order % of Original:			11.95%
Percentage of Contract Paid:			98.62%

Dates		Days	
From	To	Target	Lapsed
7/28/15	10/28/16	458	488
Adjusted	Substantial	Original	Days
10/28/16	10/10/16	7/18/16	
Percentage of Time Lapsed:			106.55%

Reasons for Change Orders

Reason	Percent	Amount
Agency Scope-c	12.25%	\$181,013.00
Unk Cond-contin	10.46%	\$154,566.00
Ae Omission-con	9.26%	\$136,820.00
Dfcm Scope-cont	7.59%	\$112,223.10
Agency Scope-p	48.69%	\$719,567.00
Ae Omission-prj	0.07%	\$1,062.00
Ae Error-contin	0.81%	\$11,914.52
Dfcm Scope-oth	0.00%	\$0.00
Agency Scope-o	0.16%	\$2,361.00
Agency Scope- A	10.72%	\$158,379.00
Total Changes (less Award Bid Packs):		\$1,477,905.62



Construction Change Order

Construction Change Order			
Description:	UTAH STATE DEVELOPMENTAL CENTER INFRASTRUCTURE PHASE 3 DEPARTMENT OF HUMAN SERVICES LUCAS DAVIS	Status:	CO EXECUTED
		Change Order Date:	Oct 26, 2016
		Total Amount:	\$110,414.49
		New End Date:	Dec 31, 2016
Capital Project:	17019410 (USDC INFRASTRUCTURE PHASE III)		

Contractor		Original		Change	
Contractor:	VC0000129154 (COMMERCIAL MECHANICAL SYSTEMS & SERVICE)	Award:	\$1,521,129.00	Award:	\$1,521,129.00
		Change Order:	\$54,711.05	Change Order:	\$165,125.54
		Total:	\$1,575,840.05	Total:	\$1,686,254.54
Address Code:	001 (3395 WEST 1820 SOUTH, SALT LAKE CITY, UT 84104)	Start:	Aug 9, 2016	Start:	Aug 9, 2016
Contract:	1775048	End:		End:	Dec 31, 2016

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	PCO #2 - ADDED A PADDLE BLIND TO PROTECT THE EVERGREEN PROJECT WORK.	001	CONSTRUCTION	UNK COND-CONTIN	\$477.25	Dec 31, 2016
002	CCD #3 - EXCAVATED CONCRETE WAS FOUND TO BE MUCH THICKER THAN ANTICIPATED. THIS IS THE COST TO REMOVE THE ADDITIONAL MATERIAL.	001	CONSTRUCTION	UNK COND-CONTIN	\$12,737.30	
003	PCO #3 - TUNNEL EXCAVATION REVEALED VARYING HEIGHTS IN THE TUNNEL LID HEIGHT. THIS WILL ALLOW FOR A SMOOTHER TRANSITION.	001	CONSTRUCTION	UNK COND-CONTIN	\$1,491.55	
004	PCO #4 - SHALLOW FIRE ALARM AND ELECTRICAL CONDUCTORS WERE DISCOVERED BURIED NEAR THE TUNNEL AND WERE REQUIRED TO BE RE-ROUTED.	001	CONSTRUCTION	UNK COND-CONTIN	\$9,772.44	
005	PCO #5 - HAD TO REROUTE AND REPLACE DAMAGED C900 PIPE LOCATED INSIDE THE TUNNEL. THIS WAS FOUND TO OBSTRUCT THE NEW STEAM LINE ROUTE.	001	CONSTRUCTION	UNK COND-CONTIN	\$6,589.68	
006	PCO #6 - REPLACE FIRE ALARM BOXES AND CONDUITS.	001	CONSTRUCTION	UNK COND-CONTIN	\$3,895.05	
007	PCO #7 - REMOVE ABANDONED WATER PIPING IN TUNNEL.	001	CONSTRUCTION	UNK COND-CONTIN	\$3,406.05	



Construction Change Order

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
008	PCO #8 - EXISTING OPENINGS IN THE CONCRETE SERVING DEMOLISHED BUILDING LOCATIONS WERE FOUND TO BE UNSTABLE AND NEEDED TO BE CORRECTED.	001	CONSTRUCTION	UNK COND-CONTIN	\$6,061.36	
009	PCO # 9, CCD #4 - MULTIPLE LOCATIONS WERE FOUND WHERE EXISTING WATER, COMPONENTS AND OTHER ELEMENTS WERE INTERFERING WITH THE NEW STEAM LINE ROUTE AND HAD TO BE MOVED.	001	CONSTRUCTION	UNK COND-CONTIN	\$8,639.51	
010	PCO #10 - A 12" TEE WITH ECCENTRIC REDUCER WAS DISCOVERED TO BE INSTALLED INCORRECTLY AND POOLING CONDENSATE. THIS COVERS THE REQUIRED REPAIRS.	001	CONSTRUCTION	UNK COND-CONTIN	\$21,732.33	
011	PCO #12 - A NEW VAULT WAS ADDED TO ACCOMMODATE ACCESS TO THE STEAM VALVES THAT SERVE TUNNEL C, COMP THERAPY AND DB-4.	001	CONSTRUCTION	AGENCY SCOPE-P	\$35,611.97	



Construction Change Order

Construction Change Order			
Description:	UTAH STATE DEVELOPMENTAL CENTER, INFRASTRUCTURE REPAIRS PHASE 3 DEPARTMENT OF HUMAN SERVICES LUCAS DAVIS	Status:	CO EXECUTED
		Change Order Date:	Nov 2, 2016
		Total Amount:	\$18,343.78
		New End Date:	Dec 31, 2016
Capital Project:	17019410 (USDC INFRASTRUCTURE PHASE III)		

Contractor		Original		Change	
Contractor:	VC0000129154 (COMMERCIAL MECHANICAL SYSTEMS & SERVICE)	Award:	\$1,521,129.00	Award:	\$1,521,129.00
		Change Order:	\$165,125.54	Change Order:	\$183,469.32
		Total:	\$1,686,254.54	Total:	\$1,704,598.32
Address Code:	001 (3395 WEST 1820 SOUTH, SALT LAKE CITY, UT 84104)	Start:	Aug 9, 2016	Start:	Aug 9, 2016
Contract:	1775048	End:		End:	Dec 31, 2016

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	PR #11 - REPLACE 6" MAIN WATER LINE WHERE IT CROSSES THE TUNNEL AND HAS BEGUN TO FAIL.	001	CONSTRUCTION	UNK COND-CONTIN	\$8,106.42	Dec 31, 2016
002	PR #13 - AN EXISTING VENT STACK WAS REMOVED FROM THE TUNNEL AND FOUND TO HAVE A CORRODED BASE BEYOND REPAIR. THIS WILL BE TO REPAIR AND RE-USE. RELOCATE WIRING FOR STEAM PIPE INSULATION CLEARANCE.	001	CONSTRUCTION	UNK COND-CONTIN	\$5,089.83	
003	PR #15 - EMERGENCY CHILLED WATER PIPING REPAIRS.	001	CONSTRUCTION	UNK COND-CONTIN	\$5,147.53	



State of Utah

Division of Facilities and Construction Management

Construction Contract = 1775048

Construction Contract Summary

1775048 - Utah State Developmental Center, Infrastructure Phase 3 | Dep

Project Title:	Usdc Infrastructure Phase Iii	Vendor #:	VC0000129154
Project #:	17019410		Commercial Mechanical Systems & Service
Program Director:	Lucas Davis (166306)		3395 West 1820 South
Open PO's-Prj:	(1) for \$3,182.27		Salt Lake City, Ut 84104
Contract Name:	Utah State Developmental Center, Infrastructure Phase 3 Dep	Status:	Notice To Proceed
Contract Type:	Const Remodel	DO #:	160824000003325
Component Group:	Construction	Retainage #:	8695624
Building:	I0042		Usdc Campus Infrastructure

Component:	Construction (8)	Expense Budget:	6400
Account:	3000-300-3340-FXA-17019410		Remodel & Improve Curenrt Expense

Funding Sources

Funding Source	Budget %	Appropriation	Allotment
GFFY2017	100.00	\$2,331,252.00	\$0.00
Funding Totals:	100.00	\$2,331,252.00	\$0.00

Payment Summary

Date	Invoice #	Status	Amount
9/6/16	17019410#1	Invoice Released	\$71,561.88
10/28/16	17019410#2	Invoice Released	\$862,897.83
11/16/16	17019410#3	Invoice Released	\$466,358.15
	Total Payments:		\$ 1,400,817.86

Retainage Summary

Date	Invoice #	Status	Amount
9/6/16	1775048#1	Invoice Released	\$3,766.42
10/28/16	1775048#2	Invoice Released	\$45,415.67
11/16/16	1775048#3	Invoice Released	\$24,545.17
	Retainage Total:		\$73,727.26

Release Summary

Release Date	Release	Amount
	Release # 1	
	Release # 2	
	Release # 3	
	Release # 4	
	Release # 5	
	Release Total:	\$ 0.00
	Net Retainage:	\$ 73,727.26

Contract Summary

Adjusted Contract Value: \$ 1,704,598.32

Change Order Summary

Awards

Award Date	Number	Amount
08/02/2016	A001	\$1,521,129.00
	Total Award:	\$ 1,521,129.00

Change Orders

Date	Number	Status	Amount
9/7/16	CO 001	Co Executed	\$54,711.05
10/26/16	CO 002	Co Executed	\$110,414.49
11/2/16	CO 003	Co Executed	\$18,343.78

Change Order Total: \$183,469.32

Total Amendments (Less: Award Bid Pack Changes): \$183,469.32

Adjusted Contract Value: \$1,704,598.32

Change Order % of Original: 12.06%
Percentage of Contract Paid: 86.50%

Dates		Days	
From	To	Target	Lapsed
8/9/16	12/31/16	144	110
Adjusted	Substantial	Original	Days
12/31/16		11/30/16	

Percentage of Time Lapsed: 76.39%



State of Utah

Division of Facilities and Construction Management

Construction Contract = 1775048

Construction Contract Summary

Paid to Contractor:	\$1,400,817.86
Retainage to Bank:	\$73,727.26
Total Paid:	\$1,474,545.12
Contract Balance:	\$230,053.20

Contractor Summary

Adjusted Contract Value:	\$ 1,704,598.32
Paid to Contractor:	\$1,400,817.86
Retainage Releases:	\$.00
Total Paid to Contractor:	\$1,400,817.86
Contractor Balance:	\$303,780.46

Reasons for Change Orders

<u>Reason</u>	<u>Percent</u>	<u>Amount</u>
Unk Cond-projec	1.68%	\$3,089.81
Agency Scope-p	19.41%	\$35,611.97
Dfcm Scope-proj	28.14%	\$51,621.24
Unk Cond-contin	50.77%	\$93,146.30
Total Changes (less Award Bid Packs):		\$183,469.32



Construction Change Order

Construction Change Order			
Description:	CO #4 UVU UVU PE BLEACHER DWIGHT PALMER	Status:	CO EXECUTED
		Change Order Date:	Aug 31, 2016
		Total Amount:	\$136,584.44
		New End Date:	
Capital Project:	15178790 (UVU STUDENT ACTIVITY CENTER BLEACHERS)		

Contractor		Original		Change	
Contractor:	VC0000161605 (OMA CONSTRUCTION)	Award:	\$1,663,700.00	Award:	\$1,663,700.00
		Change Order:	\$145,887.16	Change Order:	\$282,471.60
		Total:	\$1,809,587.16	Total:	\$1,946,171.60
Address Code:	001 (113 NORTH GENEVA RD, OREM, UTAH 84057)	Start:	Apr 14, 2016	Start:	Apr 14, 2016
Contract:	1675293	End:		End:	

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	PCO-08 REPAIR BROKEN CONDUIT IN SLAB	001	CONSTRUCTION	UNK COND-CONTIN	\$9,104.04	
002	PCO-011 ADDITIONAL FLOORING AND ADDITIONAL CONDUIT	001	CONSTRUCTION	UNK COND-CONTIN	\$33,647.27	
003	PCO-019 OUTLET CHANGE	001	CONSTRUCTION	AE ERROR-CONTIN	\$382.63	
004	PCO-020 ADDITIONAL FLOOR BOXED AND CONDUIT	001	CONSTRUCTION	UNK COND-CONTIN	\$3,110.23	
005	PCO 21 COST TO MOVE POWER OVERHEAD	001	CONSTRUCTION	UNK COND-CONTIN	\$668.89	
006	PCO 22 CHANGE VOLLEY BALL INSERTS	001	CONSTRUCTION	AGENCY SCOPE- A	\$4,853.41	
007	PCO 23 RELOCATE AV CONDUIT	001	CONSTRUCTION	UNK COND-CONTIN	\$3,164.19	
008	PCO 25 SEAL CONCRETE FLOOR UNDER SEATS	001	CONSTRUCTION	AE OMISSION-CON	\$8,524.38	
009	PCO 26 REPLACE RUBBER FLOORING	001	CONSTRUCTION	AGENCY SCOPE- A	\$73,129.40	



Construction Change Order

Construction Change Order			
Description:	BLEACHERS	Status:	CO EXECUTED
	UVU	Change Order Date:	Sep 20, 2016
	UVU PE BLEACHER PROJECT	Total Amount:	\$37,309.85
	DWIGHT PALMER	New End Date:	
Capital Project:	15178790 (UVU STUDENT ACTIVITY CENTER BLEACHERS)		

Contractor		Original		Change	
Contractor:	VC0000161605 (OMA CONSTRUCTION)	Award:	\$1,663,700.00	Award:	\$1,663,700.00
		Change Order:	\$282,471.60	Change Order:	\$319,781.45
		Total:	\$1,946,171.60	Total:	\$1,983,481.45
Address Code:	001 (113 NORTH GENEVA RD, OREM, UTAH 84057)	Start:	Apr 14, 2016	Start:	Apr 14, 2016
Contract:	1675293	End:		End:	

Line Item						
Line	Description	Contract Line	Component	Reason	Change Amount	New End Date
001	PCO 24 FIRE TAPE AND PROOFING NOT IN PLANS	001	CONSTRUCTION	AE OMISSION-CON	\$4,859.21	
002	PCO 28 RELAMP OVERHEAD LIGHTS	001	CONSTRUCTION	UNK COND-CONTIN	\$8,740.00	
003	PCO 29 ADDITIONAL FIRE RETARDANT PLYWOOD IN IDF ROOM TO MEET SPEC	001	CONSTRUCTION	UNK COND-CONTIN	\$2,196.50	
004	PCO 30 ADD CORNER GUARDS TO PROJECT	001	CONSTRUCTION	AGENCY SCOPE- A	\$5,598.22	
005	PCO 31 REPLACE LIGHTING BALLASTS THAT WERE BAD	001	CONSTRUCTION	UNK COND-CONTIN	\$4,939.17	
006	PCO 32 REMOVE AND REPLACE RUBBER STAIR TREAD	001	CONSTRUCTION	AGENCY SCOPE- A	\$10,976.75	



State of Utah

Division of Facilities and Construction Management

Construction Contract = 1675293

Construction Contract Summary

1675293 - Utah Valley University | Student Activity Center - Bleacher R

Project Title:	Uvu Student Activity Center Bleachers	Vendor #:	VC0000161605
Project #:	<u>15178790</u>		Oma Construction
Program Director:	Dwight Palmer (113263)		113 North Geneva Rd
Open PO's-Prj:	(1) for <u>\$10,462.50</u>		Orem, Utah 84057
Contract Name:	Utah Valley University Student Activity Center - Bleacher R	Status:	Notice To Proceed
Contract Type:	Const Remodel	DO #:	160512000045731
Component Group:	Construction	Retainage #:	8695564
Building:	06237		Activity Center (Pe Structure)

Component: Construction (8)

Expense Budget:

Account:

Funding Sources

Funding Source	Budget %	Appropriation	Allotment
----------------	----------	---------------	-----------

Funding Totals:

Payment Summary

Date	Invoice #	Status	Amount
7/21/16	15178790#1	Invoice Released	\$267,603.60
9/6/16	15178790#3	Finance Allocation	\$266,376.20
9/6/16	15178790#2	Finance Allocation	\$315,702.10
9/12/16	15178790#4	Finance Allocation	\$636,500.00
Total Payments:			\$ 1,486,181.90

Retainage Summary

Date	Invoice #	Status	Amount
7/21/16	1675293#1	Invoice Released	\$14,084.40
9/6/16	1675293#2	Finance Allocation	\$16,615.90
9/6/16	1675293#3	Finance Allocation	\$14,019.80
11/16/16	1675293#4	Finance Allocation	\$33,500.00
Retainage Total:			\$78,220.10

Release Summary

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

Change Order Summary

Awards

Award Date	Number	Amount
04/01/2016	A001	\$1,663,700.00
Total Award:		\$ 1,663,700.00

Change Orders

Date	Number	Status	Amount
6/23/16	CO 001	Co Executed	\$98,705.33
6/29/16	CO 002	Co Executed	\$26,622.30
8/31/16	CO 003	Co Executed	\$20,559.53
8/31/16	CO 004	Co Executed	\$136,584.44
9/20/16	CO 005	Co Executed	\$37,309.85

Change Order Total: \$319,781.45

Total Amendments (Less: Award Bid Pack Changes): \$319,781.45

Adjusted Contract Value: \$1,983,481.45



State of Utah

Division of Facilities and Construction Management

Construction Contract = 1675293

Construction Contract Summary

Release Summary

Release Date	Release	Amount
	Release # 5	
	Release Total:	\$ 0.00
	Net Retainage:	\$ 78,220.10

Contract Summary

Adjusted Contract Value:	\$ 1,983,481.45
Paid to Contractor:	\$1,486,181.90
Retainage to Bank:	\$78,220.10
Total Paid:	\$1,564,402.00
Contract Balance:	\$419,079.45

Contractor Summary

Adjusted Contract Value:	\$ 1,983,481.45
Paid to Contractor:	\$1,486,181.90
Retainage Releases:	\$.00
Total Paid to Contractor:	\$1,486,181.90
Contractor Balance:	\$497,299.55

Change Order % of Original: 19.22%

Percentage of Contract Paid: 78.87%

Dates		Days	
From	To	Target	Lapsed
4/14/16	10/21/16	190	227
Adjusted	Substantial	Original	Days
10/21/16		9/30/16	
Percentage of Time Lapsed:			119.47%

Reasons for Change Orders

Reason	Percent	Amount
Ae Error-contin	3.47%	\$11,086.73
Ae Omission-con	7.23%	\$23,120.47
Unk Cond-contin	51.47%	\$164,601.01
Agency Scope- A	37.83%	\$120,973.24
Total Changes (less Award Bid Packs):		\$319,781.45



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

			Dec-16			% of
PROJ #	DEPT	PROJECT TITLE	STATE FUNDS- DEVELOPMENT	STATE FUNDS- IMPROVEMENT	DOT FUNDS	Constr.
						Budget
<u>BEGINNING BALANCE</u>			<u>2,865,347.27</u>	<u>4,737,473.90</u>	<u>968,448.86</u>	
<u>INCREASES TO PROJECT RESERVE FUND:</u>						
08284150	Courts	New Ogden Juvenile	420,508.58			
15237500	DNR	Admin Bldg Hazmat Wall & Door Upgrades				1%
15131240	OWATC	BDO Roof		230,842.76		69%
15228310	TAX	Replace Door Hardware/Opener		189,952.91		13%
14360310	DFCM	Ogden Regional Ceiling Tile Replacement		125,144.18		35%
15006810	WSU	Utility Infrastructure Repairs Phase V		36,696.94		18%
15238920	DWS	North & South Main Entrance		35,323.25		15%
15127120	UDC	AP&P - Freemont HVAC Upgrade/Misc Repairs		28,632.92		20%
15089310	DFCM	Richfield Alt Site AC upgrade		20,904.42		13%
14359310	DFCM	Ogden Regional Parking Structure Lighting		16,381.63		3%
17224030	ABC	Murray Store Rooftop Units		15,571.75		19%
15134100	UDC	Draper - South Point Evaporative Coolers Replacement		14,145.00		35%
14232730	SUU	Hunter Conf Ctr Elevator Modernization		13,337.31		24%
14239730	SUU	Water Supply Study		9,638.58		10%
15115210	BATC	Pharmacy Tech Lab Upgrade		7,957.00		23%
14236730	SUU	Campus Electronic Access Controls		6,960.00		3%
15177520	DNR	DWR - Mammoth Creek Hatchery HVAC Upgrades		5,425.14		3%
14047670	SLCC	SCC - Electrical Panel Upgrade		4,516.17		10%
15100290	DXATC	Fencing		3,741.34		1%
14139120	UDC	AP&P - Various Facilities Mechanical Upgrades		3,689.00		7%
14211920	DWS	Admin Air Dampers		2,937.00		1%
14149310	DFCM	Heber Wells Air Dampers		2,651.00		1%
15337900	UDOT	Rampton Air Return Dampers		1,728.25		1%
15067550	DPS	Murray HVAC Contrtols		1,664.00		5%
15242520	DNR	DWR - Sprngville Eying Room Renovation		1,008.00		1%
15122120	UDC	AP&P Orange Street Dorm Vanitien & Flooring		690.94		0%
17009710	SNOW	Lead Based Paint Removal		551.16		0%
15174900	UDOT	Scipio Shed Emergency Power		341.88		0%
				106.17		0%
<u>DECREASES TO PROJECT RESERVE FUND:</u>						
14342080	DCC	Rio Grande Doors And Hardware		(83,005.00)		29%
						To Award Construction Contract
<u>ENDING BALANCE</u>			<u>3,285,855.85</u>	<u>5,455,007.60</u>	<u>968,448.86</u>	



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

Dec-16

12 MONTH PROJECT RESERVE FUNDS ACTIVITY

DEPT	STATE FUNDS- DEVELOPMENT	STATE FUNDS- IMPROVEMENT	DOT FUNDS
<u>INCREASES TO PROJECT RESERVE FUND:</u>			
ABC Total	-	77,487.18	-
Agriculture Total	-	14,384.40	-
Archives Total	-	893.00	-
BATC Total	-	19,362.96	-
Corrections Total	-	135,131.18	-
Courts Total	420,508.58	114,003.69	-
CPB Total	-	14,697.00	-
DATC Total	-	12,988.08	-
DCC Total	-	31.00	-
DFCM Total	-	207,366.61	-
DHA Total	-	2,769.82	-
DHS Total	194,011.00	191,700.17	-
DIXIE Total	-	68,797.29	-
DNR Total	-	250,980.87	-
DPS Total	-	29,353.00	-
DWS Total	-	35,540.92	-
DXATC Total	-	14,329.70	-
Education Total	-	82,997.50	-
Fairpark Total	-	13,350.30	-
Health Total	-	3,818.94	-
OWATC Total	-	189,952.91	-
Parks Total	-	62,939.10	-
SLCC Total	-	138,766.50	-
SNOW Total	-	163,414.22	-
SUU Total	-	143,949.13	-
TAX Total	-	125,144.18	-
UDC Total	-	65,317.47	-
UDOT Total	-	96,209.57	-
UNG Total	15,638.06	-	-
UVU Total	-	55,076.83	-
WSU Total	1,028,251.29	159,891.63	-



12 MONTH PROJECT RESERVE FUNDS ACTIVITY

DEPT	STATE FUNDS- STATE FUNDS- DEVELOPMENT IMPROVEMENT DOT FUNDS		
	<u>DECREASES TO PROJECT RESERVE FUND:</u>		
Agriculture Total	-	(676.00)	-
BATC Total	-	(23,576.00)	-
Corrections Total	-	(5,789.13)	-
COURTS Total	-	(30,000.00)	-
CPB Total	-	(30,503.00)	-
DAS Total	-	(110.00)	-
DATC Total	-	(30,891.50)	-
DCC Total	-	(63,005.00)	-
DHS Total	(150,000.00)	(455,945.00)	-
DIXIE Total	-	(500.00)	-
DNR Total	-	(106,650.00)	-
DPS Total	-	(17,073.00)	(32.50)
DXATC Total	-	(132.50)	-
Health Total	-	(9,899.85)	-
MATC Total	-	(86,507.00)	-
SLCC Total	-	(4,584.11)	-
Snow Total	-	(15,457.00)	-
SUU Total	-	(125,000.00)	-
TAX Total	-	(36,488.00)	-
UBATC Total	-	(14,643.92)	-
UDOT Total	-	(4,336.00)	-
UNG Total	(131.50)	(64,823.38)	-
UVU Total	-	(210,701.00)	-
WSU Total	-	(97.50)	-
<u>OTHER ITEMS</u>			
OTHER	To DFCM Admin Per 2016 HB#2 Item #158	(1,225,000.00)	

CONTINGENCY FUND ANALYSIS

Dec-16

AGENCY	DESCRIPTION	% COMPLETE	CONSTRUCTION BUDGET	AUTHORIZED CONTINGENCY AMOUNT	DRAWS FROM CONTINGENCY	AUTHORIZED MINUS DRAWS	PROJECTED CONTINGENCY NEEDS	PROJECTS STATUS
NEW CONSTRUCTION								
USTAR	UU Neuroscience Research Center	100%	161,170,104	3,469,589	4,667,426	(1,197,837)	-	Closed
CUCF	192 Bed Pod Expansion	92%	31,613,752	1,453,400	1,720,950	(267,550)	109,828	Closeout
Courts	New Ogden Juvenile Building	100%	30,004,262	1,176,574	1,646,216	(469,642)	-	Closed
USH	Building Consolidation	100%	30,730,223	1,109,520			-	Closed
USU	Business Bldg Addition/Remodel	100%	45,533,752	456,048	558,483	(102,435)	41	Closeout
SWATC	Allied Health & Technology Bldg	100%	19,394,447	400,684	1,335,296	(934,612)	1,946	Closeout
U OF U	Electrical/High Temp Water Utilities Upgrades	92%	79,140,098	2,162,281	1,396,448	765,833	163,464	Construction
UVU	New Classroom Building	99%	46,797,762	2,182,997	2,506,548	(323,551)	16,939	Closeout
U OF U	Crocker Science Center	25%	45,499,817	1,364,873	-	1,364,873	1,028,111	Construction
WSU	Tracy Hall Science Bldg	87%	66,322,447	2,168,774	819,219	1,349,555	282,349	Closeout
DFCM	Unified Lab Module 2	89%	34,844,835	1,539,471	697,017	842,454	172,502	Construction
USU	BRC Academic Bldg	100%	14,483,986	277,495	254,456	23,039	48	Closeout
USU-EAST	Central Instructional Bldg	99%	22,337,973	742,090	932,728	(190,638)	5,090	On Hold
UOFU	Huntsman Cancer Phase IV	76%	95,204,142	623,522	243,102	380,421	150,312	Construction
DATC	Permanent Campus Building	13%	32,416,214	1,231,144	-	1,231,144	1,068,643	Construction
DHS	USDC Durable Housing Units	82%	10,384,801	285,851	92,283	193,568	52,389	Construction
DEAF & BLIND	New SLC Building	95%	14,441,727	576,126	555,359	20,767	26,985	Construction
SNOW	New Science Building	0%	24,045,088	777,673	-	777,673	777,673	Construction
USU	Fine Arts Complex Addition	59%	15,450,050	227,273	45,872	181,401	93,642	Construction
DHS	Weber Valley Youth Center	86%	1,069,181	712,411	-	712,411	101,295	Construction
SLCC	Westpointe CTE Building	6%	37,385,700	1,758,561	-	1,758,561	1,651,179	Construction
DPS	Box Elder Consolidation	0%	25,000	62,438	-	62,438	62,438	Design
UVU	Performing Arts Building	0%	42,287,017	1,097,932	-	1,097,932	1,097,932	Design
USU	Clinical Sevices Building	14%	22,027,806	272,378	-	272,378	233,163	Construction
Parks	Dead Horse Point Campground	0%	4,293,050	262,990	-	262,990	262,990	Design
OWATC	Business Depot Bay 2 Buildout	0%	5,502,949	377,671	-	377,671	377,671	Design
Fairpark	Rodeo Arena	3%	5,793,702	405,468	-	405,468	393,332	Construction
DAS	Archives - Vault Expansion	0%	3,206,705	192,723	-	192,723	192,723	Programming
USU	Bio Life Sciences Bldg	0%	34,548,935	1,331,555	-	1,331,555	1,331,555	Design
SUU	New Business Building	0%	13,131,004	281,060	-	281,060	281,060	Programming
DEQ	Tech Support Center	0%	4,985,781	267,642	-	267,642	267,642	Programming
SUBTOTAL		52%	994,072,310	29,248,214	17,471,402	10,667,292	10,202,943	

CONTINGENCY FUND ANALYSIS

Dec-16

AGENCY	DESCRIPTION	% COMPLETE	CONSTRUCTION BUDGET	AUTHORIZED CONTINGENCY AMOUNT	DRAWS FROM CONTINGENCY	AUTHORIZED MINUS DRAWS	PROJECTED CONTINGENCY NEEDS	PROJECTS STATUS
REMODELING								
CPB	Capitol Hill Signage Improvements	0%	123,005	11,685	-	11,685	11,685	Design
State Hospital	Slate Canyon Spring Development	36%	594,545	54,996	-	54,996	34,955	On Hold
USDC	Evergreen Bldg HVAC Replacement	49%	1,818,429	84,792	45,079	39,713	43,426	Construction
CPB	DUP Compressor/Water Cooled Condensor	100%	265,323	30,898	2,724	28,174	-	Closeout
SLCC	RRC Science Bldg Window Replacement	28%	1,085,311	89,609	-	89,609	64,741	Construction
DHS	USDC TLC Bldg HVAC Replacement	100%	364,514	32,644	21,724	10,920	-	Closeout
CPB	Capitol Hill Security Camera Upgrades	95%	938,429	34,508	75,585	(41,077)	1,675	Closeout
UDC	Draper - Olympus HVAC Upgrade	98%	915,098	64,391	38,884	25,507	1,056	Closeout
UDC	Draper - Wasatch & Oquirrh Control Room Interconn	100%	238,662	19,717	8,997	10,720	-	Closeout
UDC	Draper - Timp 1-5 Control Room Remodel	99%	196,915	20,000	-	20,000	102	Closeout
DHS	USDC Infrastructure	100%	4,662,315	266,358	71,318	195,040	-	Closeout
SLCC	SCC Proximity Locks	50%	1,255,355	106,539	-	106,539	53,437	Construction
SLCC	SCC Electrical Panel Upgrade	100%	349,510	33,563	600	32,963	-	Closed
CPB	Mormon Battalion Repairs	100%	1,641,947	76,970	86,138	(9,168)	-	Closeout
UVU	Wolverine Ctr Skin Replacement	91%	245,028	12,000	1,440	10,560	1,059	Closeout
Courts	Matheson Security System Replacement	98%	850,168	72,299	42,776	29,523	1,422	Closeout
UBATC	Exterior Door Replacement	100%	500,612	42,172	29,139	13,033	0	Closeout
OWATC	Bus Bldg Chiller/Boiler Soft Water Systems	100%	422,389	39,030	1,295	37,735	-	Closeout
WSU	Campus Master Plan	32%	500,000	-	-	-	-	Construction
WSU	Stewart Library Infrastructure	48%	16,285,921	76,457	-	76,457	39,423	Construction
Parks	Bear Lake Marina Dock Replacement	100%	1,696,472	70,380	-	70,380	-	Closeout
DFCM	Ogden Reg Fire Sprinkler Deficiencies/Pump	99%	93,864	10,475	4,984	5,491	148	Closeout
DFCM	Ogden Reg HVAC	100%	1,330,344	106,325	78,379	27,946	-	Construction
DHS	USH Chapel Reroof	100%	279,366	14,212	6,858	7,354	-	Closed
UDC	NUCCC Fire Alarm Upgrade	100%	50,450	4,880	-	4,880	-	Closeout
UDC	CCC's Mechanical Upgrades	100%	399,307	32,703	21,568	11,135	-	Closed
ABC	Brigham City Combined Projects	100%	1,272	1,330	-	1,330	-	Closed
DFCM	Heber Wells Outside Air Dampers	100%	204,662	17,522	16,922	600	-	Closed
UNG	West Jordan Armory Upgrade	94%	1,895,701	165,000	52,522	112,478	9,361	Construction
ABC	Roy Combined Projects	0%	39,776	1,630	-	1,630	1,630	Design
ABC	Ogden Combined Projects	100%	4,128	1,330	-	1,330	-	Closed
DWS	Admin Air Damper Replacement	100%	262,901	21,902	-	21,902	-	Closed
SUU	ADA Concrete Replacement	62%	179,624	-	-	-	-	Closeout
SUU	Fire Lane Approach Upgrades	94%	99,790	-	-	-	-	Construction
SUU	Auditorium Stage Lift	84%	123,556	-	5,556	(5,556)	-	Construction
Agriculture	SF Veterinary Bldg	100%	1,040,691	40,499	66,510	(26,011)	-	Closed
UDOT	Hooper Maintenance Station	100%	3,160,531	78,853	91,808	(12,955)	28	Closeout
SLCC	RRC VAV/AHU	100%	480,197	35,145	34,116	1,029	-	Closeout

CONTINGENCY FUND ANALYSIS

Dec-16

AGENCY	DESCRIPTION	% COMPLETE	CONSTRUCTION BUDGET	AUTHORIZED CONTINGENCY AMOUNT	DRAWS FROM CONTINGENCY	AUTHORIZED MINUS DRAWS	PROJECTED CONTINGENCY NEEDS	PROJECTS STATUS
SLCC	RRC Library Chiller	100%	195,449	19,468	6,297	13,171	-	Closeout
SLCC	SCC Main Bldg HVAC Controls	93%	385,355	37,912	14,294	23,618	2,618	Construction
DHS	USH Rampton Electronic Door Control	97%	157,391	20,000	-	20,000	660	Construction
UNG	W Jordan PV Project	100%	650,000	47,725	48,070	(345)	-	Construction
DCED	Rio Grande Bldg Security Upgrade	15%	45,146	4,289	-	4,289	3,643	Design
DCED	Rio Grande Doors & Hardware	0%	239,423	18,328	-	18,328	18,328	Construction
ABC	Store #14 Door Hardware Modification	0%	12,632	1,200	-	1,200	1,200	Design
Archives	Dry Sprinkler Modifications	0%	65,570	9,734	-	9,734	9,734	Construction
DFCM	Ogden Reg Parking Structure Lighting	100%	67,212	6,401	15,012	(8,611)	-	Closed
DFCM	Ogden Reg Ceiling Tile Replacement	100%	139,000	16,245	-	16,245	-	Closed
CPB	Reclad Dome Windows	0%	60,000	5,700	-	5,700	5,700	Design
CPB	Repaint Capiton Window Sills	0%	160,000	15,200	-	15,200	15,200	Design
DFCM	Governor's Mansion Misc Improvements	96%	224,191	89,728	2,776	86,952	4,003	Closeout
Wildlife	Flaming Gorge Bunkhouse	100%	418,656	26,202	73,485	(47,283)	-	Closeout
UVU	McKay Bldg Air Handlers & Zone Dampers	100%	743,823	50,063	-	50,063	-	Closeout
UVU	Gunther Bldg HVAC Uimprovements	100%	799,984	63,556	44,881	18,675	-	Closeout
WSU	Phase V Utility Infrastructure	100%	214,503	18,884	30,819	(11,935)	-	Closed
SLCC	RRC- Applied Tech Window & Door Replacement	0%	685,730	54,768	-	54,768	54,768	Construction
UVU	Pope Science Building Remodel	96%	1,421,404	50,442	-	50,442	2,192	Closeout
DNR	DWR - Hardware Ranch Water System	52%	366,113	25,123	9,361	15,762	11,998	Construction
Fairpark	Grand Bldg Restrooms Remodel	100%	220,983	24,185	10,343	13,842	-	Closeout
Wildlife	GSL Nature Center	0%	2,325,028	59,707	-	59,707	59,707	Design
Courts	Mattheson Elevator Modernization	0%	2,207,351	195,808	-	195,808	195,808	Design
DFCM	Provo Regional Elevator Modernization	0%	643,929	73,796	-	73,796	73,796	Design
DWR	Hatcheries Radon Testing & Mitigation	83%	102,376	55,134	-	55,134	9,438	Construction
UDOT	Various Shops Pit Repairs	100%	286,471	16,035	18,161	(2,126)	67	Closeout
WSU	Marriot Bldg Controls Upgrade	0%	374,971	26,869	18,333	8,536	26,869	Construction
TATC	Maintenance Garage	100%	315,939	17,865	11,686	6,179	-	Closeout
DATC	Motorsports Shop & Classroom Upgrade	100%	238,920	20,916	-	20,916	-	Closeout
DATC	ADA Restroom Upgrades	50%	639,291	77,978	3,507	74,471	39,055	Construction
Courts	Juvenile Court Remodel	96%	407,633	32,871	-	32,871	1,455	Construction
DPS	Murray UHP HVAC Controls	100%	90,874	8,327	-	8,327	-	Closed
DFCM	Rampton Irrigation Controllers Replacement	100%	134,199	11,840	4,288	7,552	0	Closeout
DFCM	Academy Square Misc Repairs	100%	13,814	3,553	-	3,553	-	Closeout
DWS	Ogden South Safety Upgrades	0%	16,075	1,527	-	1,527	1,527	Design
DFCM	Ogden Regional Carpet Replacement	94%	250,631	23,810	-	23,810	1,507	Closeout
DFCM	Ogden Redional DVR/Camera Upgrades	95%	79,923	7,593	-	7,593	401	Closeout
DWS	Richfield Mechanical Systems	0%	199,800	28,535	-	28,535	28,535	Construction
SNOW	South Admin Chiller Replacement	100%	296,199	27,583	-	27,583	-	Closeout
DETS	Richfield AC System Upgrade	100%	583,235	42,802	10,835	31,967	-	Closed

CONTINGENCY FUND ANALYSIS

Dec-16

AGENCY	DESCRIPTION	% COMPLETE	CONSTRUCTION BUDGET	AUTHORIZED CONTINGENCY AMOUNT	DRAWS FROM CONTINGENCY	AUTHORIZED MINUS DRAWS	PROJECTED CONTINGENCY NEEDS	PROJECTS STATUS
Dixie	Electrical Metering	0%	69,453	5,861	-	5,861	5,861	Construction
Dixie	Smith ComputerCenter	100%	659,785	38,046	30,998	7,048	-	Closeout
Dixie	Science Bldg Elevator	0%	23,290	1,954	-	1,954	1,954	Construction
Dixie	Campus Master Plan	0%	228,167	21,273	-	21,273	21,273	Construction
Dixie	GIS Campus Mapping	0%	207,722	17,583	-	17,583	17,583	Construction
Dixie	Smith Center/Burns Arena Asphalt Improvements	0%	315,195	24,424	26,058	(1,634)	24,424	Construction
DXATC	ERTC Fencing	100%	38,756	3,859	-	3,859	-	Closed
SNOW	Richfield North Boundary Fence	0%	139,718	13,578	-	13,578	13,578	Design
DPS	DLA/DMV Draper Landscaping	100%	125,979	10,693	5,609	5,084	-	Closeout
WSU	Wattis Bldg Controls	67%	2,861,356	104,658	15,481	89,177	34,716	Closeout
UDOT	Richmond Water Line	100%	351,335	23,504	130,903	(107,399)	-	Closeout
BATC	West Campus Infrastructure	96%	561,065	56,736	19,144	37,592	2,489	Closeout
BATC	Pharmacy Tech Lab Upgrade	100%	249,928	20,165	14,095	6,070	-	Closed
UNG	Logan Armory Water Heating/Piping	100%	156,938	14,852	3,892	10,960	-	Closeout
DNR	DWR-Fisheries Experiment Station HVAC	100%	68,016	6,781	-	6,781	-	Closeout
Agriculture	Ogden Grain Lab Basement Remodel	100%	156,566	15,597	9,869	5,728	-	Closeout
Corrections	Orange St AP&P Dorm Room Vanities/Flooring	100%	226,560	13,945	4,883	9,062	-	Closed
WSU	Browning Center Seating Replacement	77%	1,112,310	70,988	-	70,988	16,278	Closeout
Corrections	Fremont CCC HVAC Data Room	100%	119,269	12,253	3,518	8,735	(0)	Closed
MATC	Welding Renovation	100%	595,013	46,228	4,111	42,117	0	Closeout
OWATC	BDO Roof	100%	1,108,972	71,606	-	71,606	-	Closed
Corrections	Draper - South Point Evaporative Coolers	100%	50,751	4,527	-	4,527	-	Closed
DHS	JJS Decker Oake Fire Alarm/ Telephone	100%	61,500	12,534	-	12,534	-	Closeout
CPB	Capitol, Senate, House Bldgs Ice Guard System	0%	95,853	9,106	-	9,106	9,106	Construction
DHS	JJS Slate Canyon Sewer Improvements	3%	170,883	16,234	-	16,234	15,689	Construction
Dixie	ADA Concrete Replacement	16%	151,922	12,742	-	12,742	10,729	Construction
SUU	Shops Restroom Expansion	0%	547,500	28,734	3,746	24,988	28,734	Construction
SUU	Music Bldg Air Handler	0%	165,709	13,924	-	13,924	13,924	Construction
SUU	Classroom Bldg Chiller	8%	179,556	15,048	-	15,048	13,855	Construction
SUU	Med Voltage Upgrade Phase III	2%	174,956	14,658	-	14,658	14,296	Construction
SUU	Water Line Metering Installation	0%	164,154	28,735	-	28,735	28,735	Design
SUU	Fire Alarm Replacement - Various Bldgs	0%	73,180	6,645	-	6,645	6,645	Design
SUU	Classroom Bldg Air Handler	0%	59,985	4,886	-	4,886	4,886	On Hold
SUU	Library Bldg Automation	0%	82,979	6,840	-	6,840	6,840	Construction
SUU	Institutional Residence HVAC Controls	0%	32,393	2,541	-	2,541	2,541	Construction
SUU	Liberal Arts Center Windows	0%	209,797	17,736	-	17,736	17,736	Construction
SUU	Conference Ctr Lighting System	8%	87,628	7,182	-	7,182	6,616	Construction
SUU	Campus Wide Transformers Replacement	8%	174,856	14,755	-	14,755	13,602	Construction
SUU	1150 West Storm Water Improvements	100%	74	7,074	-	7,074	-	Closed
UDOT	Scipio Shed Emergency Power	100%	29,410	1,954	-	1,954	-	Closed

CONTINGENCY FUND ANALYSIS

Dec-16

AGENCY	DESCRIPTION	% COMPLETE	CONSTRUCTION BUDGET	AUTHORIZED CONTINGENCY AMOUNT	DRAWS FROM CONTINGENCY	AUTHORIZED MINUS DRAWS	PROJECTED CONTINGENCY NEEDS	PROJECTS STATUS
Wildlife	DWR-Mammoth Hatchery Electrical System	96%	118,640	11,722	-	11,722	438	Closeout
Wildlife	DWR-Mammoth Hatchery HVAC	100%	32,189	3,175	-	3,175	-	Closed
UVU	Student Activity Center Bleachers	14%	1,983,481	102,000	200,497	(98,497)	87,514	Construction
Parks	Scofield Madsen Bay Restroom Replacement	1%	322,368	26,632	-	26,632	26,465	Design
UVU	Business Bldg Stair Replacement	0%	101,830	8,352	-	8,352	8,352	Construction
UVU	Health Professions Bldg Air Handler	0%	181,630	25,588	2,781	22,807	25,588	Construction
UVU	Liberal Arts Bldg Vestibule	0%	46,105	3,907	-	3,907	3,907	Closeout
Parks	Goblin Valley Fencing	0%	107,765	10,237	-	10,237	10,237	Design
UVU	Campus Lighting Improvements	94%	435,159	48,123	-	48,123	2,970	Construction
Courts	St George Smoke Evac System	0%	81,566	7,749	-	7,749	7,749	Construction
Corrections	Draper Uinta/Oquirrh Smoke Evac System	72%	544,016	28,778	36,841	(8,063)	7,998	Construction
Corrections	CUCF Insulate Control Towers 1, 2, 3	0%	189,398	19,419	-	19,419	19,419	Construction
Parks	Deer Creek Maint Bldg Replacement	53%	433,382	17,764	-	17,764	8,392	Construction
UNG	Manti Armory Electrical Panels	88%	40,085	9,400	4,640	4,760	1,112	Construction
UNG	Orem Readiness Ctr VAV Replacement	0%	238,445	19,640	2,786	16,854	19,553	Construction
Parks	Steinaker Boat Ramp	50%	280,000	16,292	-	16,292	8,139	Construction
UBATC	Fire Alarm System, HVAC Controls	70%	562,265	49,426	14,275	35,152	14,680	Construction
UDOT	Station 2430 Overhead Door/ Service Pit	28%	63,154	6,000	-	6,000	4,344	Construction
UDOT	Station 3435 Trench Drain	0%	23,300	1,887	-	1,887	1,887	Construction
DWS	Vernal Rooftop Units Replacement	100%	171,974	17,626	8,816	8,810	-	Construction
ung	CW Bldg 9000 Boiler Replacement	3%	610,465	65,584	-	65,584	63,705	Construction
UNG	Spanish Fork Readiness Ctr Entrance	0%	361,334	41,674	4,055	37,619	41,674	Construction
Courts	Orem Rooftop Units Replacement	100%	56,262	6,154	-	6,154	-	Closeout
Courts	Mattheson Holding Cells Plumbing	0%	623,816	58,440	8,653	49,787	58,440	Construction
UDOT	Rampton IT Rooms A/C	18%	186,098	17,680	-	17,680	14,420	Construction
SLCC	RRC Applied Tech Bldg Chilled Water Line	45%	165,432	15,716	-	15,716	8,616	Construction
SNOW	Student Center Recommissioning	100%	371,130	30,399	4,245	26,154	-	Closeout
SNOW	Greenwood Hall Piping Replacement	100%	54,677	45,893	(6,035)	51,928	-	Construction
SNOW	Activity Ctr Restrooms/ Locker rooms	16%	445,573	45,893	20,228	25,665	38,582	Construction
TAX	Chiller/Cooling Tower Replacement	100%	621,998	54,435	12,508	41,927	-	Closeout
DHS	USDC Quailrun Lodge HVAC	8%	731,452	65,831	-	65,831	60,784	Construction
DWS	Call Ctr Rooftop Unit	86%	248,806	22,482	19,007	3,475	3,172	Construction
Health	Unified Lab Biosafety Cabinets	30%	342,964	34,478	5,816	28,662	24,030	Construction
Health	Unified Lab Speciman Preprocessing Redesign	0%	1,200,000	102,000	-	102,000	102,000	Construction
UDOT	Station 2425 Plumbing Replacement	0%	276,460	9,769	-	9,769	9,769	Construction
TAX	Door Hardware/ADA Opener	100%	188,607	27,679	4,075	23,604	-	Closed
Parks	Rockport Entrance Station	4%	361,097	33,029	2,996	30,033	31,581	Construction
Education	Lighting Panel	42%	228,732	18,795	-	18,795	10,932	Construction
Health	Cannon Lighting Retrofit	25%	228,429	19,063	-	19,063	14,282	Construction
Health	Cannon Ductless Splits Air Units	100%	108,815	16,243	-	16,243	-	Closeout

CONTINGENCY FUND ANALYSIS

Dec-16

AGENCY	DESCRIPTION	% COMPLETE	CONSTRUCTION BUDGET	AUTHORIZED CONTINGENCY AMOUNT	DRAWS FROM CONTINGENCY	AUTHORIZED MINUS DRAWS	PROJECTED CONTINGENCY NEEDS	PROJECTS STATUS
DNR	Bldg B HVAC Controls	0%	145,317	13,804	-	13,804	13,804	Design
DNR	HAZMAT Wall & Door Upgrades	100%	79,050	25,595	-	25,595	-	Closed
DWS	North & South Main Entrance	100%	94,567	10,969	4,429	6,540	-	Closed
DNR	Cannon Bldg Fan Wall	100%	125,000	6,696	5,555	1,141	-	Closeout
Wildlife	Glenwood Hatchery HVAC	0%	174,000	15,190	-	15,190	15,190	Construction
Wildlife	Springville Hatchery Eyeing Room	100%	483,640	26,325	34,368	(8,043)	(0)	Closed
DHS	USH Admin Bldg Fire Alarm Replacement	0%	210,900	8,337	-	8,337	8,337	Construction
Fairpark	Zion Bldg Roof Replacement	0%	232,783	22,114	-	22,114	22,114	Construction
CPB	Capitol Rotunda Glass Replacement	0%	203,556	25,117	-	25,117	25,117	Construction
CPB	Travel Council Bldg Exterior Waterproofing	0%	354,200	32,763	-	32,763	32,763	Design
Fairpark	Various Bldgs Electrical Panel Replacement	100%	152,449	14,058	-	14,058	-	Closeout
Fairpark	Market & Sheep Barn Windows & Doors	100%	308,295	24,870	6,075	18,795	6	Closeout
DHS	JJS Wasatch Security System Replacement	86%	591,507	34,483	-	34,483	4,711	Closeout
DFCM	Governor's Mansion Perimeter Fence	100%	342,162	21,041	25,246	(4,205)	-	Closeout
CPB	SOB Expansion Of Data Comm Rooms	0%	30,299	2,878	-	2,878	2,878	Pending
CPB	House & Senate Bldgs Controls Upgrades	0%	163,854	15,566	-	15,566	15,566	Pending
CPB	Capitol Bldg Controls Upgrade	0%	96,390	9,157	-	9,157	9,157	Pending
DHS	JJS Slate Canyon Fire Alarm	100%	73,911	14,516	4,087	10,429	-	Closeout
ABC	Store 42 Erosion Control/Landscape	0%	53,009	5,035	6,650	(1,615)	5,035	Pending
Dixie	Campus Wide Metering	0%	229,940	19,545	-	19,545	19,545	Construction
ABC	Store 17 Dock Leveler	100%	19,240	3,217	-	3,217	-	Closeout
UDOT	Rampton Mixed Air & Return Dampers	100%	33,363	2,665	4,840	(2,175)	-	Closed
DFCM	Heber Wells Power Clean	100%	35,612	6,727	-	6,727	-	Closeout
DFCM	Provo Reg Lighting Controls	0%	100,000	9,500	-	9,500	9,500	Design
DWS	Vernal Emergency Lighting Back Up System	0%	18,059	1,715	-	1,715	1,715	Design
WSU	Ground Source Geothermal Field	97%	2,779,293	113,065	46,764	66,301	2,884	Construction
UBATC	Emergency HVAC Controls	31%	595,273	53,575	-	53,575	37,032	Construction
WSU	Utility Tunnel Repairs Phase VI	100%	265,507	19,347	-	19,347	-	Closeout
Health	Cannon Cooling Tower & Pump	87%	184,980	21,423	-	21,423	2,717	Closeout
DPS	Murray UHP Chiller & Pump	87%	155,408	18,715	-	18,715	2,432	Closeout
SNOW	Richfield Exterior Fenestration Windows	0%	222,275	17,100	43,155	(26,055)	17,100	Construction
SNOW	Ephriam Campus Lead Based Paint Removal	100%	408,441	31,509	32,783	(1,274)	-	Closed
UVU	Boilers Replacement	0%	683,586	52,470	8,993	43,477	52,470	Construction
UVU	Hall Of Flags/Admin Fan Coil Units	0%	490,032	31,080	-	31,080	31,080	Construction
Fairpark	Multiple Bldgs Weather Stripping/Door Refurbishme	0%	95,000	9,025	-	9,025	9,025	Design
Health	Cannon Fire Alarm System	0%	225,000	21,375	-	21,375	21,375	Design
MATC	Additional Parking	76%	676,622	63,000	-	63,000	15,096	Construction
SLCC	RRC-Tech Bldg Restroom Remodel	14%	759,673	67,812	5,770	62,042	58,063	Construction
DWS	Insurance Fraud Division IT Remodel	77%	556,560	21,892	-	21,892	4,987	Construction
DHS	USDC-Infrastructure Phase III	87%	1,704,598	168,748	93,146	75,602	22,774	Construction

CONTINGENCY FUND ANALYSIS

Dec-16

AGENCY	DESCRIPTION	% COMPLETE	CONSTRUCTION BUDGET	AUTHORIZED CONTINGENCY AMOUNT	DRAWS FROM CONTINGENCY	AUTHORIZED MINUS DRAWS	PROJECTED CONTINGENCY NEEDS	PROJECTS STATUS
Educarion	Taylorville Deaf Ctr Chiller/Cooling Tower	0%	130,275	26,566	-	26,566	26,566	Construction
Educarion	Libbie Edwards Rooftop Units Upgrade	0%	383,191	42,790	-	42,790	42,790	Construction
SNOW	Steam/Condensate Lines Upgrade	0%	478,170	45,303	9,495	35,808	45,303	Construction
SNOW	Physical Plant New Ventilation/AC system	0%	116,725	11,088	-	11,088	11,088	Design
DFCM	Heber Wells Bathroom Remodel 1,3,5,6	0%	456,011	66,635	9,416	57,219	66,635	Construction
Dixie	Replace Transformers	0%	55,449	4,435	-	4,435	4,435	Construction
DFCM	Retrofit Fuel Tanks	0%	2,312,060	171,063	-	171,063	171,063	Construction
Corrections	Fortitude Intake Remodel	0%	142,700	13,556	-	13,556	13,556	Design
BATC	Class Project Storage Facility Phase II	0%	193,615	16,214	-	16,214	16,214	Construction
BATC	Dynamometer Room Window Casing	0%	466,129	21,249	-	21,249	21,249	Construction
WSU	Phase V Medium Voltage Critical Need	0%	184,577	15,423	-	15,423	15,423	Construction
DCC	Rio Grande Marble Floors/Interior Wood	0%	53,206	5,054	-	5,054	5,054	Design
Courts	Ogden Elevator Cooling Room System	0%	380,206	35,170	-	35,170	35,170	Design
Courts	Ogden Exterior Ice Melt System	0%	172,148	22,971	-	22,971	22,971	Construction
ABC	Store #30 Expansion	0%	408,602	37,795	-	37,795	37,795	Design
DATC	Welding Shop Make Up Air	0%	395,380	34,101	-	34,101	34,101	Design
Courts	Brigham City DVR/Camera Upgrade	39%	180,587	17,156	-	17,156	10,466	Construction
Courts	Brigham City Boiler Replacement	0%	70,420	6,690	-	6,690	6,690	Design
DFCM	Ogden Reg East Parking Structure Concrete	0%	74,534	7,081	-	7,081	7,081	Design
Courts	Layton Boiler Replacement	0%	68,826	6,539	-	6,539	6,539	Design
Courts	Layton Public Area Remodel	0%	57,732	5,484	-	5,484	5,484	Design
Corrections	NUCCC DVR/Camera Upgrade	85%	212,190	20,158	-	20,158	3,070	Closeout
UDOT	Water Runoff Retention	13%	445,798	46,250	-	46,250	40,464	Construction
Tax	Elevator Hydraulic Piping	0%	65,000	6,175	-	6,175	6,175	Design
SNOW	Hi Tech park Lot & act Ctr Main Gym lighting	0%	98,000	9,310	-	9,310	9,310	Design
DWS	Elevator Upgrade	0%	100,000	9,500	-	9,500	9,500	Design
UVU	Elevator Hoist, Ram, & Oil	0%	117,605	10,070	-	10,070	10,070	Construction
Corrections	NUCCC HVAC Controls	54%	27,022	2,573	-	2,573	1,185	Closeout
Corrections	Fremont AP&P Renovations	0%	246,800	20,476	-	20,476	20,476	Construction
Corrections	Various AP&P Security Project	8%	83,062	5,539	-	5,539	5,097	Construction
DCC	Rio Grand Parking Security	0%	41,750	3,872	-	3,872	3,872	Construction
DCC	Rio Grande Exterior Windows	0%	260,766	25,833	-	25,833	25,833	Design
Archives	Freeport C-6 Generator	0%	69,246	6,578	-	6,578	6,578	Design
ABC	Admin Bldg Data Room A/C	0%	32,264	3,610	-	3,610	3,610	Construction
ABC	Admin Bldg Stove Hood Installation	0%	23,782	2,114	-	2,114	2,114	Construction
ABC	Admin Restroom Replacement	0%	74,865	7,112	-	7,112	7,112	Design
Corrections	AP&P Various Centers Mold Mitigation	0%	95,930	11,586	-	11,586	11,586	Design
DNR	DWR Central Region Office Replacement	0%	2,291,620	88,515	-	88,515	88,515	Design
UVU	Computer Science Bldg Spandrel Replacement	0%	141,000	13,395	-	13,395	13,395	On Hold
DNR	Parks - Green River Campground Restrooms	0%	245,000	23,275	-	23,275	23,275	Pending

CONTINGENCY FUND ANALYSIS

Dec-16

AGENCY	DESCRIPTION	% COMPLETE	CONSTRUCTION BUDGET	AUTHORIZED CONTINGENCY AMOUNT	DRAWS FROM CONTINGENCY	AUTHORIZED MINUS DRAWS	PROJECTED CONTINGENCY NEEDS	PROJECTS STATUS
DNR	Parks - Goblin Valley Overlook Restrooms	0%	370,000	34,225	-	34,225	34,225	Design
UVU	Campus Sidewalk Pavers Upgrade	0%	80,000	7,600	-	7,600	7,600	Design
UVU	Central Plant Main Electrical Gear	0%	402,485	60,390	-	60,390	60,390	Construction
UDOT	Admin Comple HVAC Replacement	0%	327,000	30,247	-	30,247	30,247	Design
UVU	Lower Central Plant Chiller	0%	430,000	39,775	-	39,775	39,775	Design
UVU	Campus Storm Water Improvements	0%	139,000	23,085	-	23,085	23,085	Design
UVU	Gunther Trades Bldg Electrical Transformers	0%	98,320	11,305	-	11,305	11,305	Construction
UVU	Pope Science Exterior Stair Replacement	0%	87,000	8,265	-	8,265	8,265	Design
Corrections	CUCF - Irrigation Pumps Replacement	0%	46,784	3,913	-	3,913	3,913	Design
SLCC	LHM - Fire Alarm Upgrade	0%	213,832	17,625	-	17,625	17,625	Design
SLCC	RRC - Emergency Generator Replacement	0%	127,550	18,759	-	18,759	18,759	Construction
UVU	Woodbury Business Bldg Skylight Modifications	0%	78,704	7,477	-	7,477	7,477	Design
DFCM	MASOB Skylight Replacement	0%	240,000	22,800	-	22,800	22,800	Design
UVU	Computer Science VAV & Control Valve	0%	166,000	15,770	-	15,770	15,770	Design
SUU	Electronic Access Control	55%	156,380	13,271	-	13,271	6,010	Construction
Deaf	Ogden School Fire Panel Upgrade	0%	373,112	34,513	-	34,513	34,513	Design
BATC	Brigham City Improvement/Remodel/ADA	0%	444,381	41,105	-	41,105	41,105	Design
UDOT	Reg 1 HVAC Upgrades	0%	373,112	34,513	-	34,513	34,513	Design
BATC	Main & West Campus Security System	0%	147,642	12,229	-	12,229	12,229	Construction
DFCM	Governor's Mansion Mechanical Upgrade	0%	149,045	14,160	-	14,160	14,160	Design
DFCM	Governor's Mansion Exterior Window & Granite	0%	100,000	9,500	-	9,500	9,500	Design
DFCM	Governor's Mansion East & West Gate Lighting	0%	45,000	4,275	-	4,275	4,275	Design
DNR	Electrical Panel/Transformer Replacement	0%	29,332	2,787	-	2,787	2,787	Design
DNR	Security Camera Upgrade	0%	110,263	10,476	-	10,476	10,476	Design
Fairpark	Multiple Bldgs A/C & Exhaust Replacements	0%	140,000	13,300	-	13,300	13,300	Construction
Fairpark	Grand Bldg Interior Renovation	0%	519,510	46,756	-	46,756	46,756	Design
CPB	West Bldg Leg Research Remodel	0%	38,948	3,700	-	3,700	3,700	Design
CPB	DUP Restroom Remodel	0%	33,003	3,135	-	3,135	3,135	Construction
CPB	SOB Wasteline/Server Closet Cooling	0%	798,121	48,882	-	48,882	48,882	Design
CPB	Council Hall Basement Restroom Remodel	0%	45,000	4,275	-	4,275	4,275	Design
Corrections	Draper - Timp North 2&4 Control Rooms	0%	170,562	19,927	-	19,927	19,927	Construction
DSU	Math/Science Center Improvements	0%	299,755	24,975	-	24,975	24,975	Construction
DHS	JJS - SLV Detention Roof, Rooftop Units	0%	1,230,435	104,587	-	104,587	104,587	Design
OWATC	Campus Wide Door Access System	0%	288,547	26,691	-	26,691	26,691	Design
UDOT	Richmond Floor Drain System	0%	78,704	7,477	-	7,477	7,477	Construction
UDOT	Huntsville New Septic System	0%	72,858	7,477	-	7,477	7,477	Construction
DNR	Parks - Bear Lake Dock Replacement	0%	1,272,059	106,853	-	106,853	106,853	Design
DWS	Clearfield 2nd Floor Carpet Replacement	0%	45,147	4,289	-	4,289	4,289	Construction
ABC	Store 28 Dock Awning & Enclosure	0%	15,267	3,131	-	3,131	3,131	Construction
DHS	Vernal Emergency Lighting Backup System	0%	49,675	4,719	-	4,719	4,719	Design

CONTINGENCY FUND ANALYSIS

Dec-16

AGENCY	DESCRIPTION	% COMPLETE	CONSTRUCTION BUDGET	AUTHORIZED CONTINGENCY AMOUNT	DRAWS FROM CONTINGENCY	AUTHORIZED MINUS DRAWS	PROJECTED CONTINGENCY NEEDS	PROJECTS STATUS
DWS	Vernal Emergency Lighting Backup System	0%	38,208	3,630	-	3,630	3,630	Design
UNG	HQ Electrical Service Distribution Replacement	0%	1,300,000	109,200	-	109,200	109,200	Design
UNG	AF Armory AC units/Controls/Condensers	0%	315,142	29,151	-	29,151	29,151	Design
UNG	Draper Fire Alarm Replacement	0%	286,238	26,477	-	26,477	26,477	Design
UNG	Camp Williams Building Control System	0%	55,324	5,256	-	5,256	5,256	Design
DVA	Nursing Homes Delayed Egress	0%	315,000	29,137	-	29,137	29,137	Construction
DVA	Landscape Parcel St George	0%	160,000	15,200	-	15,200	15,200	Design
Fairpark	Multiple Bldgs Exterior Light Replacement	0%	48,737	4,630	-	4,630	4,630	Pending
DPS	Fremont Cooling Tower	0%	64,236	6,103	736	5,367	6,103	Construction
DFCM	State Library HVAC Rooftop/Controls	0%	1,086,902	92,387	-	92,387	92,387	Design
Agriculture	HVAC Upgrade	0%	278,000	25,715	-	25,715	25,715	On Hold
Tax	Parking Lot Lighting Upgrade	0%	207,117	19,676	-	19,676	19,676	Design
DSU	Campus Fire Lane & Sidewalk Repairs	0%	82,730	7,083	-	7,083	7,083	Construction
DSU	Exterior Lighting	0%	105,824	8,941	-	8,941	8,941	Construction
DSU	Various Bldgs Fire Alarm Upgrade	0%	207,141	17,401	-	17,401	17,401	Design
DSU	Hansen Stadium Track Replacement	0%	421,000	38,942	-	38,942	38,942	Design
DSU	McDonald Center Mechanical System Upgrade	0%	368,980	30,207	-	30,207	30,207	Construction
DSU	Cox, Burns Sewage Ejectors	0%	22,989	1,959	-	1,959	1,959	Design
DSU	South Admin Bldg Refurbish	0%	92,434	7,372	-	7,372	7,372	Design
DSU	Performing Arts Exterior Damage Repairs	0%	234,659	19,820	-	19,820	19,820	Design
DSU	Burns, Cox Recommissioning	0%	36,834	3,085	-	3,085	3,085	Design
DXATC	North East Sidewalk/Gutter	0%	124,792	11,855	-	11,855	11,855	On Hold
DXATC	South Perimeter Fencing	0%	34,160	3,950	-	3,950	3,950	Construction
SUU	Campus ADA Concrete Replacement	0%	165,425	14,202	-	14,202	14,202	Design
SUU	Campus Storm Drain Study	0%	114,575	3,085	-	3,085	3,085	Design
SUU	Multiple Bldgs Fire Alarm Panel Upgrade	0%	142,903	11,788	-	11,788	11,788	Design
SUU	Boiler #3 Replacement	0%	1,476,760	124,048	-	124,048	124,048	Design
SUU	Music Bldg Chiller Replacement	0%	106,003	10,070	-	10,070	10,070	Design
SWATC	Business Bldg Parking Lot Drainage/Sealing	100%	14,854	2,140	-	2,140	-	Closeout
SWATC	Tech Bldg Walkway Replacement	0%	45,050	4,279	-	4,279	4,279	Design
UDOT	Beaver Replace Windows/Remodel Office	0%	152,359	14,474	-	14,474	14,474	Design
Courts	Cedar City Block Fence	0%	20,627	1,959	-	1,959	1,959	Design
Courts	Cedar City Various Upgrades	0%	371,577	12,900	-	12,900	12,900	Design
Courts	St George Cooling Tower Upgrade	0%	63,426	6,026	-	6,026	6,026	Design
DFCM	Richfield Regional Exterior Lighting	0%	15,811	1,928	-	1,928	1,928	Construction
DFCM	Richfield Regionl Trench On North Side Of Bldg	100%	16,366	2,573	-	2,573	-	Closeout
Education	Bldg Boiler Replacement	6%	214,218	20,368	-	20,368	19,228	Construction
DNR	Parks - Otter Creek Entrance St/Asphalt Repairs	0%	394,428	19,355	-	19,355	19,355	Design
Courts	Mattheson Power Transfer Switch	0%	15,200	1,444	-	1,444	1,444	Pending
ABC	Club Store Window & Door Repairs	0%	10,500	997	-	997	997	Pending

CONTINGENCY FUND ANALYSIS

Dec-16

AGENCY	DESCRIPTION	% COMPLETE	CONSTRUCTION BUDGET	AUTHORIZED CONTINGENCY AMOUNT	DRAWS FROM CONTINGENCY	AUTHORIZED MINUS DRAWS	PROJECTED CONTINGENCY NEEDS	PROJECTS STATUS
DNR	Vernal Exterior Doors	0%	30,923	2,938	-	2,938	2,938	Pending
DCC	Rio Grande Landscape Upgrade	0%	71,500	6,792	-	6,792	6,792	Pending
Courts	Tooele Hot Water Tank	100%	9,500	1,388	-	1,388	-	Closed
Agriculture	Irrigation/Landscape Renovation	0%	126,000	11,970	-	11,970	11,970	Pending
DNR	Irrigation/Landscape Renovation	0%	89,250	8,479	-	8,479	8,479	Pending
DPS	Orem Irrigation/Landscape	0%	32,000	3,040	-	3,040	3,040	Pending
DWS	HVAC Replacement	0%	487,370	45,082	-	45,082	45,082	Pending
DFCM	Rampton Fan Wall, FVD's	0%	647,000	58,230	-	58,230	58,230	Design
DNR	Lighting Control Upgrade	100%	1	16,910	-	16,910	-	Closed
Agriculture	New Building Planning	0%	310,000	-	60,000	(60,000)	-	Programming
ABC	Murray Rooftop Units Replacement	100%	22,933	2,892	-	2,892	-	Closed
UDOT	Testing Facility Water Heaters/Pumps	0%	11,250	1,069	-	1,069	1,069	Design
ABC	Sandy Interior LED lighting Upgrade	0%	26,384	2,506	-	2,506	2,506	Design
ABC	Holladay Handrail Upgrade	0%	37,344	3,548	-	3,548	3,548	Design
DPS	BCI Exterior Lighting Upgrade	0%	45,000	4,275	-	4,275	4,275	Design
UDOT	Testing Facility Painting	0%	43,330	7,972	-	7,972	7,972	Construction
DCC	Fine Arts Landscaping/Irrigation	0%	88,000	8,360	-	8,360	8,360	Pending
DPS	BCI Landscaping/Irrigation	0%	72,170	6,856	-	6,856	6,856	Pending
UDOT	Rampton Restrooms Remodel	0%	993,923	86,968	-	86,968	86,968	Design
OWATC	Phase II Restroom Upgrades	0%	456,470	42,223	-	42,223	42,223	Design
Courts	West Jordan Fire Panel	0%	200,000	19,000	-	19,000	19,000	Design
Corrections	CUCF - DTV System Conversion	0%	121,287	11,522	-	11,522	11,522	Design
Corrections	CUCF - Medical Access Control	0%	60,398	5,738	-	5,738	5,738	Pending
Corrections	CUCF - Special Mgmt Unit Shower Renovation	0%	37,445	3,558	-	3,558	3,558	Design
DFCM	St Library VCT Tile Replacement	0%	40,185	3,818	-	3,818	3,818	Design
Corrections	Draper - A-Block/Star 1-4 HVAC	0%	167,200	15,884	-	15,884	15,884	Design
Corrections	Draper - A-West Yard Concrete	0%	75,497	7,173	-	7,173	7,173	Design
Corrections	Draper - Timp 5 Air Handler	0%	280,203	26,620	-	26,620	26,620	Design
Corrections	CUCF - Henry Compound AHU	0%	258,406	23,903	-	23,903	23,903	Design
Courts	Mattheson Access Control/Front End Security	0%	699,500	62,955	-	62,955	62,955	Design
Courts	Mattheson Fire Dry Pipe Main Replacement	0%	250,000	23,750	-	23,750	23,750	Design
Courts	Mattheson Freeze Stats & CO Sensor	0%	14,487	1,759	-	1,759	1,759	Construction
Courts	Mattheson Public Restrooms Valves/Fixtures	0%	581,700	52,353	-	52,353	52,353	Design
Corrections	CUCF Henry Compound Intercom System	0%	144,818	13,758	-	13,758	13,758	Design
UDOT	Rampton Security Camera System Upgrade	0%	186,971	17,762	-	17,762	17,762	Design
Corrections	CUCF - HAZMAT Bldg Door & Dock	100%	19	1,777	-	1,777	-	Closed
CPB	Capitol Hill/Dome Interior Lighting upgrade	0%	67,823	6,443	-	6,443	6,443	Pending
MATC	Welding Compound Canopy	0%	64,244	6,103	-	6,103	6,103	Design
CPB	Capitol Hill Parking Lot LED Lights	0%	165,000	15,675	-	15,675	15,675	Pending
OWATC	Campuswide Metering	0%	135,927	12,438	-	12,438	12,438	Pending

CONTINGENCY FUND ANALYSIS

Dec-16

AGENCY	DESCRIPTION	% COMPLETE	CONSTRUCTION BUDGET	AUTHORIZED CONTINGENCY AMOUNT	DRAWS FROM CONTINGENCY	AUTHORIZED MINUS DRAWS	PROJECTED CONTINGENCY NEEDS	PROJECTS STATUS
DSU	Campuswide Metering	0%	135,926	12,438	-	12,438	12,438	Pending
UNG	Campuswide Metering Phase II	0%	91,344	8,656	-	8,656	8,656	Design
Courts	Matheson HVAC Automation	0%	34,100	3,240	-	3,240	3,240	Pending
Courts	Tooele HVAC Controls Upgrade	0%	34,900	3,316	-	3,316	3,316	Pending
Health	Unified Lab Exhaust Return Fan Wall	0%	325,631	30,121	-	30,121	30,121	Design
DOC	CUCF - Infrastructure Metering	0%	616,660	55,499	-	55,499	55,499	Pending
SUBTOTAL		33%	139,387,384	9,548,041	2,147,067	7,400,974	5,672,288	
PROJECTED CONTINGENCY FUND NEEDS							15,875,231	
CONTINGENCY RESERVE FUND BALANCE							14,769,427	
PROJECTED EXCESS IN CONTINGENCY RESERVE FUND							(1,105,805)	



State of Utah

Division of Facilities and Construction Management

Statewide CP Planning Fund

No Parameters Required

Agency	Project	Project Description	Amount
Agriculture	<u>15354010</u>	Ut Dept Of Agriculture And Food Willam Spry Buildi	\$25,000.00
Dixie Atc	<u>13375290</u>	Dixie Atc New Permanent Campus Building	\$0.00
Mountainland Atc	<u>15320260</u>	Moutainland Atc Thanksgiving Point Campus Technolo	\$110,057.00
Southwest Atc	<u>11342270</u>	Southwest Atc Allied Health And Technology Bldg	\$0.00
		(4661 and 4662) 4	Fund Allocations:
		Fund Project: <u>11282300</u>	Planning Reserve:
		Statewide Planning Fund	Available Balance:
			\$135,057.00
			\$901,000.00
			\$765,943.00



State of Utah

Division of Facilities and Construction Management

Statewide Emergency Fund

Fund Type = IMPROV EMERGENCY; From Date = 09/01/2016

Agency	Project	Project Description	Budget	Encumbrance		
				Prior	Current	Total
Dfcm - Managed Buildings	<u>14321300</u>	Moab Regional Center - Solar Pv Project	\$305,820.00	\$551,797.52	\$0.00	\$551,797.52
Ogden/weber Atc	<u>15109240</u>	Ogden/weber Atc Health Technology Settling Investigation	\$96,473.08	\$47,347.76	\$0.00	\$47,347.76
Uintah Basin Atc	<u>15370250</u>	Uintah Basin Atc Vernal And Roosevelt Campuses Emergency Hvac Controls Replacement	\$666,425.00	\$0.00	\$184,404.93	\$184,404.93
National Guard	<u>17301470</u>	Blanding National Guard Armory Make Up Air Unit Emergency Replacement	\$0.00	\$0.00	\$0.00	\$0.00
Davis Atc	<u>17304220</u>	Davis Atc Barlow Building Retaining Wall Repairs	\$0.00	\$0.00	\$0.00	\$0.00
Driver License Division	<u>17331550</u>	Fairpark Driver's License Office Ada Upgrades - Emergency Funds	\$37,010.00	\$0.00	\$0.00	\$0.00
Average = \$184,288.01		6 Projects	\$1,105,728.08	\$599,145.28	\$184,404.93	\$783,550.21
Statewide Emergency Fund			Unencumbered Balance for Fund - <u>12200300</u>		\$1,355,022.84	



State of Utah

Division of Facilities and Construction Management

Statewide Hazardous Materials Projects

Fund Type = IMPROV HAZARDOUS; From Date = 09/01/2016

				<----- Encumbrance ----->		
Agency	Project	Project Description	Budget	Prior	Current	Total
Dfcm - Statewide Funds	17028300	Fy'17 Hazardous Materials Survey Fund	\$305,480.59	\$16,406.54	\$0.00	\$16,406.54
Average = \$305,480.59		1 Projects	\$305,480.59	\$16,406.54	\$0.00	\$16,406.54
Statewide Hazardous Materials Projects			Unencumbered Balance for Fund - 17029300			\$413,990.19



State of Utah

Division of Facilities and Construction Management

Statewide Land Options and Acquisition Fund

Fund Type = IMPROV LND OPTION; From Date = 09/01/2016

Agency	Project	Project Description	Budget	Encumbrance		Total
				Prior	Current	
Average =		Projects				
Statewide Land Options And Acquisition Fund			Unencumbered Balance for Fund - 12240300			\$1,164,589.54



State of Utah

Division of Facilities and Construction Management

Statewide Roofing Projects

Fund Type = IMPROV ROOFING; From Date = 09/01/2016

←----- Encumbrance -----→

Agency	Project	Project Description	Budget	Prior	Current	Total
Dfcm - Statewide Funds	<u>12122300</u>	Fy'13 - Fy'17 Roofing Preventative Maintenance Account	\$820,095.92	\$448,099.31	\$45,688.34	\$493,787.65
Developmental Center	<u>14376410</u>	Usdc Admin, Comp Therapy, Medical Services And Evergreen Buildings Reroof - Fund Design From Unallocated Roofing At This Time	\$1,584,831.29	\$3,149,290.41	\$12,219.70	\$3,161,510.11
Davis Atc	<u>15141220</u>	Datc Freeport West Bay#2 Reroof & Seismic Upgrade	\$529,012.93	\$495,176.50	\$538,640.86	\$1,033,817.36
Utah Highway Patrol	<u>15149550</u>	Murray Highway Patrol Data Center Roof Replacement	\$80,575.00	\$5,663.00	\$139,228.00	\$144,891.00
Dnr - Parks & Recreation	<u>15150510</u>	Parks & Rec Edge Of The Cedars Partial Reroof	\$193,802.00	\$344,744.50	\$29,266.00	\$374,010.50
National Guard	<u>15151470</u>	Manti Armory Reroof	\$318,567.00	\$275,294.00	\$282,877.62	\$558,171.62
Fairpark	<u>15152370</u>	Fairpark Grand Building Asphalt Shingle Roof Replacement And Painting	\$306,851.00	\$252,818.00	\$0.00	\$252,818.00
Board Of Education	<u>15153200</u>	State Library For Blind Reroof	\$1,428,700.00	\$2,212,986.46	\$450,611.21	\$2,663,597.67
University Of Utah	<u>15244750</u>	Univ Of Utah Research Admin Bldg Reroof	\$185,863.11	\$195,300.00	\$4,099.11	\$199,399.11
Fairpark	<u>15245370</u>	Fairpark Zions Bldg Asphalt Shingle Roof Replacement	\$124,288.00	\$117,040.00	\$820.00	\$117,860.00
Southern Utah University	<u>16007730</u>	Suu Sharwan Smith Center Partial Reroof & Skylight Modifications	\$735,103.74	\$730,311.34	\$703,313.24	\$1,433,624.58
Dfcm - Statewide Funds	<u>16008300</u>	Fy'16 Roofing Preventative Maintenance Account	\$500,000.00	\$0.00	\$14,260.92	\$14,260.92
Dfcm - Statewide Funds	<u>16009300</u>	Fy'16 Roofing Seismic Program	\$488,496.08	\$0.00	\$0.00	\$0.00
Weber State University	<u>17002810</u>	Wsu Browning Center Reroof & Mechanical Upgrade Ph. Ii	\$682,000.00	\$585,359.00	\$28,139.70	\$613,498.70
Southern Utah University	<u>17006730</u>	Suu P.e. Bldg. Flat Roof Replacement	\$476,000.00	\$400,045.00	\$426,532.54	\$826,577.54
Dnr - Parks & Recreation	<u>17068510</u>	Green River Golf Course Clubhouse Reroof	\$39,588.00	\$0.00	\$27.00	\$27.00
Dnr - Wildlife Resources	<u>17078520</u>	Dwr Browns Park Field State House Reroof	\$32,520.00	\$0.00	\$66,507.00	\$66,507.00
University Of Utah	<u>17080750</u>	Uu Film & Media Arts Reroof	\$386,552.00	\$25,868.00	\$531,688.52	\$557,556.52
Dept Of Transportation	<u>17081900</u>	Udot Region #2 Carpenter/Landscape Building Reroof	\$27,543.00	\$0.00	\$19.00	\$19.00
Dept Of Transportation	<u>17082900</u>	Udot Lunt Park Rest Stop Reroof	\$78,475.00	\$0.00	\$59.00	\$59.00
Southwest Atc	<u>17083270</u>	Swatc - Building Reroof And Replacement Of Rooftop Heating & Cooling Unts	\$452,572.00	\$31,205.00	\$25,781.00	\$56,986.00
Salt Lake Comm College	<u>17084680</u>	Slcc Jordan Campus Htc Flat Roof Replacement	\$301,928.00	\$20,421.00	\$356,085.75	\$376,506.75
Dnr - Parks & Recreation	<u>17085510</u>	Parks & Rec Red Fleet State Park Maintenance Shop Reroof	\$21,837.00	\$0.00	\$20,364.00	\$20,364.00
National Guard	<u>17086470</u>	National Guard Brigham City Armory Reroof	\$220,000.00	\$12,800.00	\$194,379.00	\$207,179.00



State of Utah

Division of Facilities and Construction Management

Statewide Roofing Projects

Fund Type = IMPROV ROOFING; From Date = 09/01/2016

←----- Encumbrance ----->

Agency	Project	Project Description	Budget	Prior	Current	Total
Fairpark	<u>17087370</u>	Fair Park Showring Reroof	\$94,080.00	\$6,300.00	\$91,969.00	\$98,269.00
Fairpark	<u>17088370</u>	Fairpark Multipurpose Horse Barn Reroof	\$287,575.00	\$19,500.00	\$194,322.50	\$213,822.50
Corrections - Ap&p	<u>17089120</u>	Ap&p Building Cedar City Reroof	\$60,358.00	\$4,355.00	\$44,077.00	\$48,432.00
Juvenile Justice Services	<u>17090430</u>	Hs Decker Lake Youth Center Reroof	\$292,554.00	\$0.00	\$240.00	\$240.00
Capitol Preservation Bd	<u>17092050</u>	Cpb State Office Building Roofing Improvements	\$164,300.00	\$0.00	\$12,132.00	\$12,132.00
Abc Stores	<u>17093030</u>	Abc Store #10 Tooele Reroof	\$143,469.00	\$140,513.00	\$119,780.56	\$260,293.56
Abc Stores	<u>17094030</u>	Logan Abc Store #6 Reroof Hold For Further Evaluation	\$79,354.00	\$9,298.00	\$12,435.50	\$21,733.50
Weber State University	<u>17114810</u>	Wsu Swenson Gym/stromberg Plaza Roof Replacement	\$300,000.00	\$0.00	\$246.00	\$246.00
Dnr - Parks & Recreation	<u>17142510</u>	Dnr Anasazi Ruin Covers Reroof	\$78,423.00	\$5,616.00	\$55,873.00	\$61,489.00
Dixie St College Of Utah	<u>17191640</u>	Dixie State University Udvar Hazy Business School Reroof	\$276,000.00	\$0.00	\$18,035.00	\$18,035.00
Utah State University	<u>17198770</u>	Usu Old Main Reroof Phase Ii - Delegated	\$800,000.00	\$0.00	\$322,789.25	\$322,789.25
Utah State University	<u>17199770</u>	Usu East Stadium Restroom Reroof - Delegated	\$55,000.00	\$0.00	\$0.00	\$0.00
Utah State University	<u>17199770</u>	Usu East Stadium Restroom Reroof - Delegated	\$55,000.00	\$0.00	\$0.00	\$0.00
Abc Stores	<u>17307030</u>	Salt Lake Abc Store #14 Reroof - Funds From Prj 16008300	\$101,920.00	\$0.00	\$11,120.00	\$11,120.00
Dixie St College Of Utah	<u>17329640</u>	Dixie State Univ Cox Auditorium Roof Replacement	\$78,390.00	\$0.00	\$0.00	\$0.00
Average = \$330,298.05	39 Projects		\$12,881,624.07	\$9,488,003.52	\$4,753,627.32	\$14,241,630.84
Statewide Roofing Projects			Unencumbered Balance for Fund - 11204300			\$561,491.47



State of Utah

Division of Facilities and Construction Management

Statewide Paving Projects

Fund Type = IMPROV PAVING; From Date = 09/01/2016

<----- Encumbrance ----->

Agency	Project	Project Description	Budget	Prior	Current	Total
Dfcm - Statewide Funds	<u>12107300</u>	Fy'13 - Fy'17 Paving Preventative Maintenance Funds	\$963,779.69	\$1,214,005.22	\$78,995.32	\$1,293,000.54
Dfcm - Statewide Funds	<u>12108300</u>	Fy'13 - Fy'17 Uci Paving Repairs	\$1,314,872.28	\$1,159,757.69	\$33,600.00	\$1,193,357.69
University Of Utah	<u>12260750</u>	Univ Of Utah 1900 East To Nursing Bldg Paving Improvements - Delegated	\$170,000.00	\$17,339.50	\$0.00	\$17,339.50
University Of Utah	<u>14270750</u>	Univ Of Utah Fort Douglas Blvd Paving Replacement - Delegated	\$550,000.00	\$32,100.00	\$0.00	\$32,100.00
Dixie Atc	<u>15046290</u>	Dixie Atc Training Ctr Paving Crack Seal And Slurry	\$69,598.00	\$5,597.00	\$23,959.30	\$29,556.30
Corrections - Cucf	<u>15047110</u>	Cucf Various Paving Improvements	\$1,232,330.00	\$83,494.00	\$965,666.60	\$1,049,160.60
Utah Valley University	<u>15048790</u>	Uvu Various Asphalt/concrete Paving Upgrades	\$593,372.00	\$527,769.49	\$385,284.49	\$913,053.98
Salt Lake Comm College	<u>15049660</u>	Slcc Rrc, Scc, And Jordan Campuses Paving Improvements Slurry Seal	\$808,877.00	\$726,310.18	\$339,852.99	\$1,066,163.17
Southern Utah University	<u>15050730</u>	Suu Sharwin Smith Ctr Parking Lot Replacement	\$413,830.00	\$411,814.36	\$346,020.83	\$757,835.19
Driver License Division	<u>15052550</u>	West Valley Driver's License New Parking Lot Entrance	\$43,697.00	\$34.00	\$1,375.00	\$1,409.00
Dnr - Parks & Recreation	<u>15053510</u>	Yuba Lake State Park Oasis Campground Paving Improvements	\$444,852.20	\$408,295.20	\$418,339.24	\$826,634.44
National Guard	<u>15054470</u>	Richfield National Guard Armory Paking Lot Replacement	\$211,465.00	\$194,149.00	\$202,356.20	\$396,505.20
National Guard	<u>15055470</u>	Camp Williams Bldg 9000 North Parking Expansion - Only State Improvement Funded Construction On This Project	\$468,312.00	\$523,927.80	\$40,485.93	\$564,413.73
Mountainland Atc	<u>15056260</u>	Matc Orem Facility Parking Lot Improvements	\$352,799.07	\$344,431.11	\$321,123.33	\$665,554.44
Corrections - Draper	<u>15057100</u>	Draper Prison Timpanogos Perimeter Road Paving Repairs	\$74,965.94	\$74,530.94	\$70,890.94	\$145,421.88
Natural Resources	<u>15058500</u>	Dnr Price Maintenance Parking Lot Upgrade	\$214,772.00	\$20,670.00	\$193,663.43	\$214,333.43
Dept Of Transportation	<u>15059900</u>	Dot Rampton Complex Paving Improvements Phase Iv	\$620,051.00	\$512,552.64	\$365,948.63	\$878,501.27
Dnr - Parks & Recreation	<u>15071510</u>	Snow Canyon State Park Main Campground Asphalt Paving Repairs	\$326,423.61	\$314,851.86	\$317,893.41	\$632,745.27
Natural Resources	<u>15083500</u>	Dnr, Dwr, Farmington Bay Wma, Shop Paving	\$150,000.00	\$101,027.80	\$105,550.50	\$206,578.30
Dixie St College Of Utah	<u>15094640</u>	Mou - Dsu General Campus Parking Lot Maintenance	\$28,216.00	\$25,736.00	\$0.00	\$25,736.00
Dixie St College Of Utah	<u>15099640</u>	Mou - Dsu Smith Center & Burns Arena Asphalt Improvements	\$315,838.03	\$315,605.27	\$0.00	\$315,605.27
Dnr - Wildlife Resources	<u>15157520</u>	Dwr Ogden Bay Overlay Existing Pavement	\$230,000.00	\$24,893.60	\$2,515.48	\$27,409.08



State of Utah

Division of Facilities and Construction Management

Statewide Paving Projects

Fund Type = IMPROV PAVING; From Date = 09/01/2016

Agency	Project	Project Description	Budget	Encumbrance		
				Prior	Current	Total
Snow College	<u>17010710</u>	Snow College Ephraim & Richfield Seal Coat Parking Lots And Re-stripe, And Concrete Replacement	\$760,396.00	\$557,831.63	\$570,545.86	\$1,128,377.49
Salt Lake Comm College	<u>17177680</u>	Sicc Miller Campus Southwest Parking Lot & Loop Road Replacement	\$1,562,786.00	\$96,700.00	\$61,928.00	\$158,628.00
Weber State University	<u>17179810</u>	Wsu Various Parking Lots Asphalt Maintenance	\$372,000.00	\$26,319.00	\$10,492.00	\$36,811.00
Weber State University	<u>17180810</u>	Wsu Science Lab South Ada Access Paving	\$100,000.00	\$0.00	\$11,699.50	\$11,699.50
Dixie St College Of Utah	<u>17183640</u>	Dixie State University 300 S, 400 S., & 800 East Asphalt Resurfacing - Mou	\$175,000.00	\$0.00	\$161,266.00	\$161,266.00
Southern Utah University	<u>17186730</u>	Suu Various Parking Lot Repairs And Replacement	\$200,000.00	\$0.00	\$32,849.00	\$32,849.00
Utah Valley University	<u>17187790</u>	Uvu Campus Drive And Parking Maintenance	\$300,000.00	\$21,070.00	\$2,445.00	\$23,515.00
Dixie Atc	<u>17192290</u>	Dixie Atc Parking Lot Asphalt & Drainage Improvements	\$100,000.00	\$0.00	\$82.00	\$82.00
Utah State University	<u>17206770</u>	Usu Bnr Roadway Replacement - Delegated	\$350,000.00	\$0.00	\$0.00	\$0.00
Dnr - Wildlife Resources	<u>17211520</u>	Dwr Great Basin Research Center Paving Upgrades	\$43,113.00	\$0.00	\$5,415.00	\$5,415.00
Tooele Atc/usu Campus	<u>17212280</u>	Tooele Atc Seal Coat Parking Lot	\$17,000.00	\$0.00	\$25,759.00	\$25,759.00
Ogden/weber Atc	<u>17316240</u>	Ogden Weber Atc Main Campus Parking Lot Upgrades	\$300,000.00	\$0.00	\$249.00	\$249.00
Average = \$408,186.64	34 Projects		\$13,878,345.82	\$7,740,813.29	\$5,096,251.98	\$12,837,065.27
Statewide Paving Projects			Unencumbered Balance for Fund - 11284300		\$1,094,025.42	