

# AMENDED AGENDA OF THE UTAH STATE BUILDING BOARD

## FY2022 Capital Development Hearing and Prioritization Taylorsville State Office Building, Bonneville Room Taylorsville, Utah Wednesday, October 7, 2020 9:00 am

Meeting room capacity will be limited to accommodate social distancing for Board members and presenters. An overflow with live video of the meeting will be available at our anchor location: Taylorsville State Office Building, 4315 South 270 West, Floor 3, Taylorsville, UT

The public may also view live video of the meeting using this Zoom Meeting link:  
<https://zoom.us/j/95216621247?pwd=TXBVR1p4anhJTmErcHRCYXdWUEpJQT09>

Informational packet will be posted on the Building Board website: <https://das.utah.gov/building-board/building-board-agenda/>

Audio recording of the meeting will be available on the Utah Public Notice Website 24 hours after the meeting:  
<https://secure.utah.gov/pmn-admin/index.html>

- (Action) 1. **Approval of Minutes of May 6, 2020**..... Tab 1
- (Action) 2. **State Facility Energy Efficiency Loan Fund Request for a Lighting Upgrade on the DABC Bountiful Liquor Store #8 – Cat Bartolini, Sarah Boll** ..... Tab 2
- (Action) 3. **State Facility Energy Efficiency Loan Fund Request for the Artisan Well Upgrade at Bridgerland Technical College – Sean Patrick, Sarah Boll**..... Tab 3
- (Information) 4. **Reports from University of Utah and Utah State University** ..... Tab 4
- (Information) 5. **FY2022 State-Funded Capital Development Hearing**..... Tab 5

Utah State Building Board						
FY 2022 State-Funded Capital Development Prioritization Hearings						
October 7, 2020						
Start	Minutes	Priority	Agency/Institution	Project	Presenter	
9:30 AM	20	1	DNR, Division of Forestry, Fire, and State Lands	Lone Peak Facility	Brian Cottam/Darin Bird	
9:50 AM	20	2	DNR, Division of Forestry, Fire, and State Lands	Richfield Fire Cache and Storage Building	Brian Cottam/Darin Bird	
10:10 AM	20	3	DNR, Division of Wildlife Resources	Loa Fish Hatchery	Roger Mellenthin	
10:30 AM	20	1	DHS, Utah State Hospital	ISTEP (Intensive Stabilization, Treatment, and Evaluation Program) Building	Dallas Earnshaw	
10:50 AM	20	2	DHS, Utah State Developmental Center	Comp Therapy Building	Bret Hardy	
11:10 AM	20	1	DAS, Department of Administrative Services	Fleet Surplus & DFCM Relocation	Tani Pack Downing	

# AGENDA OF THE UTAH STATE BUILDING BOARD -- Continued

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Following the Capital Development Hearing, Board members will adjourn for lunch and individual scoring of Capital Development projects

After scoring, Board members will return to the Bonneville Room while scores are being tallied.

- (Action) 6. **Discussion and Voting on FY2022 State Funded Capital Development Prioritization**
- (Information) 7. **Future Agenda Items**

## ADJOURNMENT

**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 Cee Cee Niederhauser 801-957-7184 at least three days prior to the meeting. *This information and all other Utah State Building Board information is available on our web site at:*

<https://das.utah.gov/building-board/>



Gary R. Herbert  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jim Russell  
Date: October 7, 2020  
Subject: **Approval of Minutes of May 6, 2020**

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Attached for your review and approval are the minutes from the May 6, 2020 Building Board Meeting.

JRR: cn  
Attachment

# Utah State Building Board



## VIRTUAL MEETING

May 6, 2020

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### **MINUTES**

#### **Members in Attendance:**

Joe Burgess, Chair  
Mike Kelley, Assistant Attorney General  
Miranda Jones, Ex-Officio  
Wendell Morse  
Kevin VanTassell  
Richard Fairbanks  
Stan Plewe  
William French  
Lisa Barrager

#### **Guests in Attendance:**

Jim Russell	Division of Facilities Construction and Management
Cee Cee Niederhauser	Division of Facilities Construction and Management
Lee Fairbourn	Division of Facilities Construction and Management
Darrell Hunting	Division of Facilities Construction and Management
Matt Boyer	Division of Facilities Construction and Management
Sarah Boll	Division of Facilities Construction and Management
Catherine Bartolini	Division of Facilities Construction and Management
Gordon Jensen	Division of Facilities Construction and Management
Jake Njord	Division of Facilities Construction and Management
Tani Downing	Department of Administrative Services
Bob Askerlund	Salt Lake Community College
Jeffrey West	Salt Lake Community College
Marlin Lynch	University of Utah
Robin Burr	University of Utah
Ken Nye	University of Utah
Shaleane Gee	Zion's Bank
Michael Glauser	Boyer Company
Ryan Ellsworth	UDOT

CJ Connor	UDOT
Kirk Thornock	UDOT
Daniel Page	UDOT

On Wednesday, May 6, 2020, the Utah State Building Board held a virtual meeting via Google Meeting. Agencies, institutions and the general public were invited to listen in via a conference line posted on the Building Board website. Chair Burgess called the meeting to order at 9:00 A.M. and noted this was the first virtual meeting for the Board. Chair Burgess did a roll call for the Board members. All were in attendance.

**☐ APPROVAL OF MINUTES FROM THE DECEMBER 4, 2019 BOARD MEETING**

Chair Burgess asked for comments or corrections to the minutes from the December Building Board meeting. None were brought forward.

**MOTION: Stan Plewe moved to approve the minutes from the December 4, 2019 board meeting. The motion was seconded by Kevin VanTassell and passed unanimously.**

Board member Stan Plewe reminded the group that he had previously requested an update on the self-funded projects, particularly from the University of Utah.

**☐ FIVE YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION FOR RULE R23-7 STATE CONSTRUCTION CONTRACTS AND DRUG AND ALCOHOL TESTING**

Assistant Attorney General Mike Kelley explained every five years the rules are up for review and continuation. If we do not do this, then the rule will lapse and move off the books. We are required by the procurement code to have this rule. It has been in place for years and works fine. Chair Burgess asked if there have been any changes. Mr. Kelley said he updated the statutory references but there have not been any substantial changes.

**MOTION: Richard Fairbanks moved to approve the Five Year Notice of Review and Statement of Continuation for Rule R23-7 State Construction Contracts and Drug and Alcohol Testing. The motion was seconded by Lisa Barrager and passed unanimously.**

**☐ REQUEST FOR APPROVAL TO CONSTRUCT THE NEW LAKE TOWN AND GREEN RIVER UDOT MAINTENANCE STATIONS**

UDOT Transportation Manager Ryan Ellsworth, Director of Maintenance Daniel Page, State Asset Manager Kirk Thornock, and Project Manager CJ Connor requested approval to build two maintenance facilities. The current facilities will be demolished to make way for the new facilities. The old facilities are no longer able to accommodate storage of their outdoor equipment which is subject to the elements when stored outdoors as well as vandalism, theft,

and safety hazards. Lake Town was constructed in 1960 and Green River was constructed in 1962. The new snow plows are larger, more efficient with increased capacity, and will not fit in the facilities properly. Several board members expressed support for this project. There were questions about constructing an addition to the old building which UDOT said was not cost effective. The phone lines were unmuted to determine if the general public had any comments on this project. There were no comments.

**MOTION: Kevin VanTassell moved to approve the New Lake Town and Green River Maintenance Stations for the Utah Department of Transportation. The motion was seconded by William French and passed unanimously.**

**□ REQUEST FOR APPROVAL TO CONSTRUCTION THE UNIVERSITY OF UTAH PUBLIC SAFETY BUILDING**

Robin Burr, Chief Facility Officer at the University of Utah and Marlon Lynch, Chief Safety Officer reported on their proposed project. They would like to build a new Public Safety Building on campus. The present Safety Building was housed in the old barracks on campus in the 1940's. A new facility will allow the University to meet the code mandated seismic requirements and is the quickest and most cost effective solution. The building will be constructed in three parts. The proposed site is 500 South, east of Guardsman Way. It will be a one story building with secure parking and storage as well as provide public access to the building in a functional way. They are in the programming phase presently, and are requesting approval to move into the design phase. The total project budget will be \$13,779,692. The entire project will be funded through institutional reserves. No additional O&M funds will be requested. The board asked questions about location, parking lots in the area, and the possibility of adding a second floor in the future which could be determined in the design phase. The phone lines were unmuted for comments from the general public. There were none.

**MOTION: Stan Plewe moved to approve Construction of the Public Safety Building for the University of Utah. The motion was seconded by William French and passed unanimously.**

**□ STATE FACILITY ENERGY LOAN FUND REQUEST FOR CALVIN RAMPTON LIGHTING AND CONTROLS UPGRADE**

DFCM High Performance Building Program Director Sarah Boll gave an update on the history of the Revolving Loan Fund. The value of the fund is presently \$2.6 Million which is the total amount available for funding projects.

DFCM Energy Project Manager, Cat Bartonelli reported the existing lighting at the Calvin Rampton Administration Building is antiquated and inefficient. In addition, there are currently no occupancy sensors or daylight controls installed in the building causing the majority of the lighting in the building to run 24/7. This project proposes to upgrade all linear fluorescents to high efficiency LED fixtures and install lighting controls throughout the building. These upgrades will not only create a more uniform and modern look throughout the building, but will also save

energy, reduce maintenance and generate significant cost savings. The proposed request is for \$420,000. The payback is 15 years and annual cost saving are predicted to be about \$25,000 a year with an incentive from Rocky Mountain Power for \$32,000. Jim Russell said this is a DFCM managed project which makes it easier to repay the loan in the future. We want to show the value of this program to our agencies and feels it will have a bigger payback than what is proposed. There were no comments from the public.

**MOTION: William French moved to approve the State Facility Energy Loan Fund Request for Calvin Rampton Lighting and Controls Upgrade. The motion was seconded by Lisa Barrager and passed unanimously.**

**□ REQUEST FOR APPROVAL TO SURPLUS THE JJS PROPERTY ON MONROE BOULEVARD**

DFCM Real Estate Program Manager, Lee Fairbourn presented the former JJS property in Ogden for approval for surplus. This property is a 12,828 sf building on five acres of land. It is east of Washington Boulevard and south of North Street near the Ogden Weber Technical College. This building was built in 1989 for Human Services. Years later, DHS built a new facility and moved in in 2019. The new facility consolidated three existing JJS facilities at the time. Rule 23-22-7 gives us authority to surplus properties under specific conditions and this property meets the criteria. The property is valued between \$1.3 to \$1.9 million. We will ask \$1.8 million for this property and put out for public bid. There will be a 90 day window for bidders and there is a specific criterion for offers on the property. There were questions from the board about the property and the adjacent Ogden Weber property. Jim Russell clarified concerns. The Legislature does not want to transfer property through intent language which is why we will surplus the property; however, Ogden Weber will make a bid on this property. Ogden Weber talked about putting their cosmetology school at this location or CTE program with high school students. The state does have some options if there are other bidders. The property must be sold at the highest and best use and not always by highest offer. If it is transferred directly to Ogden Weber it would have to be a recommendation from EAC, GOMB and other Legislative Committees. The public had no comments.

**MOTION: Stan Plewe moved to approve the Surplus of the JJS Property on Monroe Boulevard. The motion was seconded by Kevin VanTassell and motion was approved.**

Voting recorded as follows:

Richard Fairbanks: No and requested more information from the Ogden Weber ATC  
Lisa Barrager: Yes  
Stan Plewe: Yes  
William French: Yes  
Joe Burgess: Yes  
Kevin VanTassell: Yes  
Wendell Morse: Yes

**□ REQUEST FOR APPROVAL OF DEVELOPMENT OF PROPERTY ON THE SALT**

### **LAKE COMMUNITY COLLEGE MEADOWBROOK CAMPUS**

Jeff West, VP for Finance and Administration at the SLCC, Shaleane Gee from Zion's Bank, and Michael Glauser with the Boyer Company presented this request. SLCC is asking permission to build on some property they presently own at the Meadowbrook Campus location. This property is located at 3900 South 250 West. It was purchased in 2002. Over the years, SLCC has slowly migrated all of their academic and technical programs from this location to the Westpointe Campus. They would like to leverage their land asset and partner with the Boyer Company to develop this property. They have issued a RFI to determine possible uses for the property and then will issue an RFP. Their process consisted of an advisory committee and consultants and was carefully thought out with concerns for SLC, the refugee center and other businesses in the area. A ground lease at 7% of the value to enter into a land lease with a partner would break even in about 13 years. SLCC is requesting that DFCM be the oversight on this project with building compliance. No Capital Improvement money or Operation and Maintenance from the state will be requested for this development.

Shaleane Gee with Zion's Bank referred to the Board of Regents meeting concerning this project. The Meadowbrook Campus location has been considered for years for smart growth and healthcare for the community. Case studies have been performed for generating revenue which benefit the public

Michael Glauser from Boyer Company talked about the benefit this project would have for the refugee community in the area. He showed examples of public/private partnerships in the area – Research Park, Hill Air Force Base, VA Campus and the Business Depot in Ogden. Rule 712 is a Board of Regents Rule which covers the guidance of nontraditional use of property and provides requirements that must be followed. They feel they have addressed the requirements of this rule with the Board of Regents. Assistant Attorney General Mike Kelley said it is important for the Board to keep in mind that the term Public/Private partnership is being used in general terms here. Legally this is a ground lease and under the state procurement code, the state will be a landlord and Boyer will pay rent. Jeff West request the Board give approval for Boyer to building on this state property. Board members asked questions concerning the ground leases, installation costs, revenue, the SLCC real estate transaction, etc. It was reported there is a 10% escalation in the lease. SLCC has their own real estate department and has expertise on staff. In addition, they rely on DFCM to help navigate issues concerning building on state properties.

**MOTION: William French moved to approve the Development of the Salt Lake Community College Meadowbrook Campus Property. The motion was seconded by Richard Fairbanks and passed unanimously.**

### **□ DISCUSSION ON POSSIBLE INFORMATION AND REPORTS THE BOARD WOULD LIKE TO HAVE GOING FORWARD**

DFCM Director Jim Russell asked the Board if there were any reports needed for future meetings. Previously, the Board received university reports but this was eliminated about eight months ago. This year, because of the statute requirement to review delegation on an annual basis, Mr. Russell suggested it might be advantageous to have these reports. In addition, Capital Improvement approvals were given to DFCM by the Legislature but asked if the Board

would be interested in hearing about them. Mr. Russell suggested that the board would like to have a report on how delegation is going with the universities. Board members suggested that a six month report on delegation would be appreciated. Mr. Russell suggested that DFCM receive the reports and review them prior to the meeting; then the institution could present their report at the meeting followed by DFCM's review of the same report. It was suggested this reporting begin at the next meeting.

Chair Burgess indicated that we should plan having a meeting on the first Wednesday in June. If there aren't enough agenda items, he will notify the board. A video meeting will be held next month.

Stan Plewe talked about the impact of the COVID pandemic on the projects that were previously approved by the board and legislature. All of these projects are now on hold. It was requested that Jake Njord email a proposed project list to the board members. This is not to be posted on our site yet until approvals are given by the legislature as to what will be funded.

**□ ADJOURNMENT**

**MOTION: Kevin VanTassell moved to adjourn the meeting. The motion was seconded by Wendell Morse and passed unanimously.**

The meeting adjourned at 10:53 A.M.



Gary R. Herbert  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jim Russell, DFCM Director  
Date: October 7, 2020  
Subject: **DFCM: State Facility Energy Efficiency Fund Loan Request for DABC  
Liquor Store #8 Lighting Upgrade in Bountiful, UT**  
Presenter: Cat Bartolini, DFCM Project Manager

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### **Recommendation**

In accordance with Utah Code section 63A-5-603(6) the attached State Facility Energy Efficiency Fund (SFEEF) loan application is being presented for review and approval. The proposed loan in the amount of \$32,215.50 has been requested by Jim Russell, DFCM Division Director, to fund a lighting upgrade project at the DABC Liquor Store #8 in Bountiful, UT. The total estimated annual savings of approximately \$6,385 and simple payback of 5 years meet the DFCM Building Performance Group's expectations and guidelines for SFEEF funding. The loan application has been reviewed and approved by Sarah Boll, DFCM High Performance Building Program Director, and we recommend that the loan be approved by the Building Board.

### **Background**

The existing lighting at the Bountiful DABC Liquor Store #8 is antiquated and inefficient. The lighting is insufficient and does not provide adequate illumination for the space on the interior and exterior of the building. Bob Lund, the facility manager, has requested funding from the loan program to upgrade these fixtures to LEDs throughout the building. This project will not only increase illumination throughout the space, providing increased comfort, but will also generate significant energy and maintenance cost savings.

### **Attachments:**

State Facility Energy Efficiency Fund Loan Application  
Lighting and Energy Savings Analysis

# BOUNTIFUL DABC STORE #8 LIGHTING UPGRADE - ENERGY LOAN FUND



Cat Bartolini, DFCM  
Sarah Boll, DFCM

# BOUNTIFUL DABC STORE #8 LIGHTING UPGRADE – ENERGY LOAN FUND

## Project Scope

- Retrofit existing linear fluorescent lamps with LEDs
- Replace exterior wallpack fixtures and pole lights with LED fixtures
- Funding Needed:  
**\$32,215.50**

## Savings & Benefits

- **5 year** payback
- **63,841 kWh** annual savings
- **\$6,384** annual savings
- Reduced maintenance
- More uniform lighting
- Updated look
- More comfortable work environment

**State of Utah**  
**State Facility Energy Efficiency Fund Loan Application**

**A. State Agency:**

DABC

**B. Building name & location:**

Bountiful Liquor Store #8  
520 N 500 W  
Bountiful, UT 84010

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

-Retail Store  
-Approx. 13,139 SF

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

-Retrofit existing linear fluorescent lamps with LEDs  
-Replace exterior wallpack fixtures and pole lights with LED fixtures

**E. Project Description:**

Eligible Measure / Materials to be installed	Estimated Cost of Measure	Projected Annual Energy Savings	Projected Annual Cost Savings
Construction – Material	\$17,599.50	63,841 kWh	\$6,384
Construction - Install	\$14,616		
<b>TOTAL</b>	<b>\$32,215.50</b>	<b>63,841 kWh</b>	<b>\$6,384</b>

**F. Rebates and Incentives:**

Provider and type of rebate or incentive	Estimated Amount of incentive
Questar Gas	
Rocky Mountain Power	On Bountiful Power
TOTAL	

**G. Payback**

- 5 years

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

We will use BuildingOS to track and verify savings once the project is complete

**I. Commissioning procedures:**

N/A

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

- More comfortable work environment
- Reduced maintenance
- More uniform lighting
- Lower energy consumption and costs
- Updated look

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

Estimated costs:	\$ 32,215.50
Other funds to be used on project:	\$
<b>Total proposed loan amount:</b>	<b>\$ 32,215.50</b>

**L. Attachments**

- Lighting and Energy Analysis Breakdown

### EXISTING SYSTEM

TYPE	FIXTURE COUNT	WATTS/ FIXTURE	CONVERT TO KILOWATT	DEMAND	HOUR/ YEAR	ANNUAL KWH
2L T8 fixtures	318	X 56	X 0.001	= 17.808	X 4332	= 77,144
400W HID pol	7	X 458	X 0.001	= 3.206	X 4332	= 13,888
2L PLT cans	9	X 74	X 0.001	= 0.666	X 4332	= 2,885
400W wallpac	2	X 458	X 0.001	= 0.916	X 4332	= 3,968
2L PLT wallpa	23	X 74	X 0.001	= 1.702	X 4332	= 7,373
100W flood	1	X 118	X 0.001	= 0.118	X 4332	= 511
250W flood	8	X 298	X 0.001	= 2.384	X 4332	= 10,327
	0	X 0	X 0.001	= 0	X 0	= -
	0	X 0	X 0.001	= 0	X 0	= -
	0	X 0	X 0.001	= 0	X 0	= -
	0	X 0	X 0.001	= 0	X 0	= -
				Current Demand	26.8	
				Convert to Annual X	12	
				Annual Usage	321.60	116,098
				Demand Costs X		\$ 0.100
				Total Demand Cost	\$ -	KWH Cost \$ 11,609.76
<b>EXISTING ANNUAL ENERGY COSTS</b>						<b>\$ 11,610</b>

### PROPOSED SYSTEM

TYPE	FIXTURE COUNT	WATTS/ FIXTURE	CONVERT TO KILOWATT	DEMAND	HOUR/ YEAR	ANNUAL KWH
2L 15W LED	318	X 30	X 0.001	= 9.54	X 4332	= 41,327
150W pole	7	X 150	X 0.001	= 1.05	X 4332	= 4,549
18W for cans	9	X 18	X 0.001	= 0.162	X 4332	= 702
wallpacks	10	X 26	X 0.001	= 0.26	X 4332	= 1,126
wallpacks	2	X 51	X 0.001	= 0.102	X 4332	= 442
wallpacks	13	X 38	X 0.001	= 0.494	X 4332	= 2,140
flood 39W	1	X 39	X 0.001	= 0.039	X 4332	= 169
52W flood	8	X 52	X 0.001	= 0.416	X 4332	= 1,802
	0	X 0	X 0.001	= 0	X 0	= -
	0	X 0	X 0.001	= 0	X 0	= -
	0	X 0	X 0.001	= 0	X 0	= -
				Current Demand	12.063	
				Convert to Annual X	12	
				Annual Usage	144.76	52,257
				Demand Costs X		\$ 0.100
				Total Demand Cost	\$ -	KWH Cost \$ 5,225.69
<b>PROPOSED ANNUAL ENERGY COSTS</b>						<b>\$ 5,226</b>

### ANNUAL COST SAVINGS

Proposed Annual KWH Reduction	<b>63,841</b>
Existing Annual Energy Costs	<b>\$ 11,610</b>
Proposed Annual Energy Costs	<b>\$ 5,226</b>
	<hr/>
<b>PROPOSED ANNUAL SAVINGS</b>	<b><u>\$ 6,384</u></b>



Gary R. Herbert  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jim Russell, DFCM Director  
Date: October 7, 2020  
Subject: **DFCM: State Facility Energy Efficiency Fund Loan Request for Bridgerland Technical College Artesian Well for Building HVAC Upgrade**  
Presenter: Sean Patrick, DFCM Project Manager

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### **Recommendation**

In accordance with Utah Code section 63A-5-603(6) the attached State Facility Energy Efficiency Fund (SFEEF) loan application is being presented for review and approval. The proposed loan in the amount of \$173,333 has been requested by Jim Russell, DFCM Division Director, to fund an artesian well project for Bridgerland Technical College main building. The total estimated annual savings of approximately \$8,356 and simple payback of 20.5 years meets the DFCM Building Performance Group's expectations and guidelines for SFEEF funding. The loan application has been reviewed and approved by Sarah Boll, DFCM High Performance Building Program Director, and we recommend that the loan be approved by the Building Board.

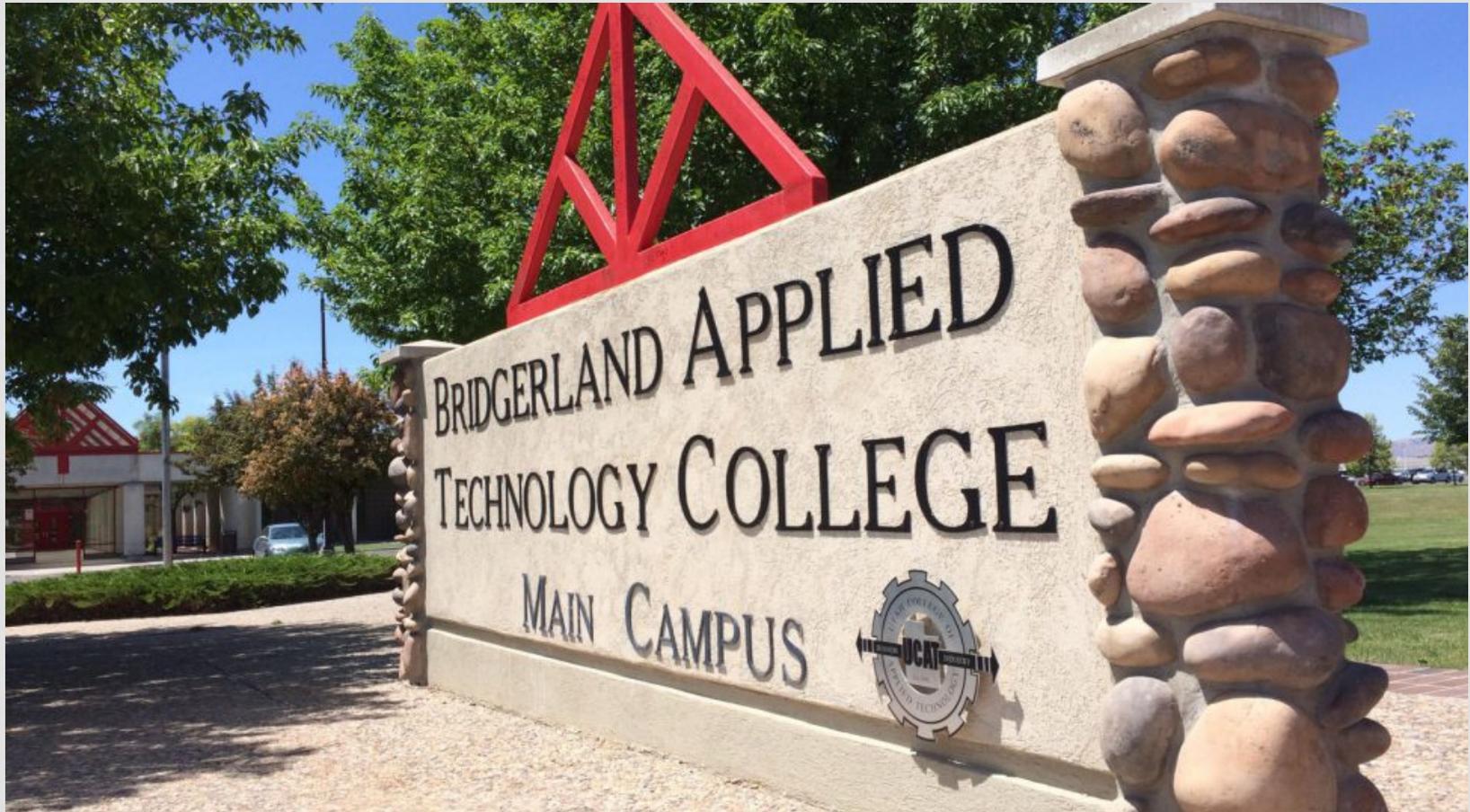
### **Background**

The existing HVAC systems are evaporative and chillers throughout the building. The well will feed into multiple systems currently being updated. This will provide free chilled water for Bridgerland's HVAC systems. The design for the well is over sized so they can expand the use to other system when they need to be upgraded. Bridgerland is looking to use the well for cooling in a new building that is in the design process. This upgrade will be the foundation of a more efficient cooling system for Bridgerland.

### **Attachments:**

State Facility Energy Efficiency Fund Loan Application

# BRIDGERLAND TECHNICAL COLLEGE ARTESIAN WELL UPGRADE - ENERGY LOAN FUND



Sean Patrick, DFCM  
Sarah Boll, DFCM

# BRIDGERLAND TECHNICAL COLLEGE ARTESIAN WELL UPGRADE – ENERGY LOAN FUND

## **Project Scope**

- Install an Artesian Well for building HVAC system.
- This will feed into multiple HVAC systems in the building.
- Funding needed \$173,333

## **Savings & benefits**

- **\$8,356** annual savings
- Free cooling
- Room for expansion to more systems in the building and/or to the new building in design process.

**State of Utah**  
**State Facility Energy Efficiency Fund Loan Application**

**A. State Agency:**

Bridgerland Technical College

**B. Building name & location:**

Bridgerland Main Center Building

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

-Vocational Training  
-Education

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

The building has a combination of evaporative cooling and chillers depending on the space. That are in the middle of being updated.

**E. Project Description:**

Eligible Measure / Materials to be installed	Estimated Cost of Measure	Projected Annual Energy Savings	Projected Annual Cost Savings
	\$233,305	\$8356	\$8356
<b>TOTAL</b>	<b>\$233305</b>	<b>\$8356</b>	<b>\$8356</b>

**F. Rebates and Incentives:**

Provider and type of rebate or incentive	Estimated Amount of incentive
Questar Gas	0
Rocky Mountain Power	0
<b>TOTAL</b>	<b>0</b>

**G. Payback**

The project loan payback is 20.5 years. Darrell is proposed to pay back the loan with FY22 capital improvement funds.

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

This will remove the need to cool down the water to run through the coils in the cooling system.

**I. Commissioning procedures:**

We have hired UNVC to perform all commissioning needs on the project.

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

The wells are oversized with plans to expand to either more areas of the building or use in a chiller on the new building Bridgerland is having designed.

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

Estimated costs:	\$233,305
Other funds to be used on project:	\$59,972
<b>Total proposed loan amount:</b>	<b>\$173,333</b>

**L. Attachments**



Gary R. Herbert  
Governor

# Utah State Building Board

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

## MEMORANDUM

To: Utah State Building Board  
From: Jim Russell  
Date: October 7, 2020  
Subject: **Reports for University of Utah and Utah State University**

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

JRR: cn  
Attachment



September 28, 2020

Mr. Jim Russell, Director  
Division of Facilities Construction & Management  
4315 South 2700 West, Floor 3  
Taylorsville, UT 84129

Subject: U of U Delegated Projects Report for October 2020 Building Board Meeting

Dear Jim:

This letter and attachments constitute our report to the Building Board for its meeting on October 7, 2020. We began preparing the presentation before we learned of the limited time for this item and chose to include the presentation for the Board's information. We will address questions and any aspect of this information as desired within the available time.

As reflected in the attached, the University of Utah is actively managing 236 active projects. A summary of financial information and status for each project is provided in the attached report. This report does not include projects managed through DFCM.

The current balance in our State Capital Improvement Funds Contingency Reserve is \$4,035,713, including \$1,660,747 just received for FY21 projects. Our analysis, using the same methodology employed by DFCM, suggests a potential surplus balance of \$93,705. Given the uncertainties associated with construction projects and the volume of work yet to be completed, we believe that this balance is adequate to complete the projects that have been authorized and does not reflect an excess balance. The current balance in our Project Reserve Fund is \$932,327. Given the uncertainties regarding future construction costs, we believe that this is also an appropriate balance.

Let me know if additional information is desired.

Sincerely,

Kenneth E. Nye  
Deputy Chief Facilities Officer  
University of Utah

Enclosures

cc: University of Utah Trustees

# UNIVERSITY OF UTAH DELEGATION REPORT



State Building Board

October 7, 2020

# Delegation Agreement

The University of Utah, Planning, Design & Construction (PDC) team works every day in successful partnership with DFCM. We value the relationship, and appreciate the support and expertise DFCM provides.

Building Board has delegated management of capital projects with a construction value less than \$10M to the U of U.

DFCM leads management of other projects with the UofU partnering closely with them to best utilize the skills and resources of both entities.



# Active Projects

**The University of Utah currently has 241 active capital projects**

- 5 are lead by DFCM
- 236 are directly managed by the U of U
  - 52 of these are State funded Capital Improvement projects
  - 184 of these are University-funded renovation or expansion projects

## **DFCM-Lead Projects In Construction**

- Huntsman Hospital, Phase V (\$144M)
- Ken Garff Performance Zone at Rice Eccles Stadium (\$89M)

## **DFCM-Lead Projects In Design**

- UUHC Garage and Roadways Improvements (\$80M)
- Medical Education and Discovery Complex (MEDX - \$185M)
- Healthcare Educators Leaders and Innovators Complex (HELIX - \$105.7M)

# Successful Partnership

We are successful in partnership, because:

- We have the same goal: to manage risk for the State, and to deliver successful, cost-effective buildings
- We communicate regularly (monthly meetings; ongoing phone and email communication)
- We work as a team
- We believe in continuous learning, and engage in dialog to promote this
- We appreciate the expertise that DFCM brings to our project work

# DFCM Policies, Procedures & Tools

The University uses DFCM Policies, Procedures and Tools which guide the design and construction process and assure that our buildings meet State standards. These include:

- Template for Establishing a Capital Budget (CBE Form)
- Architect, Engineer and Contractor Procurement Documents and Contracts
- Design Quality and Performance Standards
- High Performance Building (Energy) Standard
- General Conditions for Construction

DFCM continuously reviews and updates these documents, to assure that they are as effective as possible. We appreciate that they invite their State partners to the table to review and comment on these.

# Continuous Improvement

In order to assure that our team is successful in the work we do, we are focused on providing the right **Tools, Training and Support.**

## Tools

- Project Management software



- Scheduling software



- Project Cost Database

- LEAN project delivery tools

- “A3’s” for evaluating major building components

- Staff training two times per month

## Historic Costs for University Housing

### Construction Costs Only

	Statistics (\$/SF)			Garff-Marriott Residential Scholars Housing		Lassonde Living and Learning Center		Kahlert Village (Including Dining)		Kahlert Village (Excluding Dining)	
	High	Average	Low	163,726 sq ft		161,000 sq ft		358,000 sq ft		326,000 sq ft	
	Complete 9/1/2012	Complete 9/1/2017	Complete 8/1/2020	COST	\$/SF	COST	\$/SF	COST	\$/SF	COST	\$/SF
Original Construction Cost (w/ Dining)	\$258.75	\$218.35	\$165.75	\$27,137,572	\$165.75	\$37,118,443	\$230.55	\$92,632,000	\$258.75	\$77,632,000	\$238.13
Escalated Construction Cost to Today (w/ Dining)	\$272.98	\$260.03	\$238.79	\$39,096,159	\$238.79	\$43,201,939	\$268.34	\$97,726,760	\$272.98	\$81,901,760	\$251.23

### Peer Housing

	Statistics (\$/SF)			Dixie State University Student Housing (Phase 2)		USU Valley View Student Housing (Phase 1)		USU Valley View Student Housing (Phase 2)	
	High	Average	Low	144,350 sq ft		114,633 sq ft		141,677 sq ft	
	Start 02/01/20	Start 02/01/20	Start 02/01/20	COST	\$/SF	COST	\$/SF	COST	\$/SF
Original Construction Cost	\$258.25	\$226.52	\$189.61	\$37,278,366	\$258.25	\$21,735,650	\$189.61	\$32,825,000	\$231.69
Escalated Construction Cost to Today	\$258.25	\$237.25	\$221.80	\$37,278,366	\$258.25	\$25,426,016	\$221.80	\$32,825,000	\$231.69

### Combined Totals

Escalated Construction Cost to Today (w/ Dining)	\$248.64
Escalated Construction Cost to Today (w/o Dining)	\$245.02

### University of Utah HELIX Building

A3 (HE): Floor and Roof Deck Substrate  
 DATE: April 7, 2020



OPTION 01 Hybrid Shell Frame with Floor Timber Panels*
<b>Descriptions:</b> - One-Laminated Timber (OLT) - dimensionally stable - Double Laminated Timber (DLT) - not dimensionally stable - Nailed-Lam Timber (NLT) - not dimensionally stable
<b>Flexibility:</b> - Maximum flexibility of space - Maximize options for exterior envelope - Structural grid based on panel fabricator's requirements
<b>Sustainability:</b> - High recycled content (steel) + renewable material (timber) - Fabrication drives dimension + less waste - Low on regional material (Washington, Oregon, Canada)
<b>Embodied Energy:</b> - Timber: Carbon-negative material - very low embodied energy - Steel: medium embodied energy
<b>Construction Safety:</b> - Fewer construction trades & on-site construction hours - Some panels will be stored on site - Fewer workers required to erect steel
<b>Fire Code:</b> - Steel - lower fire cost - favorable building market - Timber - higher material costs, but faster construction - Concrete rebar required for seismic, acoustic, vibration
<b>Life Cycle Cost &amp; Seismic Resiliency:</b> - Low life cycle cost - High seismic resiliency
<b>Speed to Market:</b> - Fast timber - Steel - Many suppliers - Timber - Partner with right fabricator & "suspend"
<b>Off-site Construction:</b> - High off-site construction - Steel - Just in time delivery - Timber - need some on-site storage, not shipped locally
<b>Healthcare Occupancy:</b> - Steel - optimum vibration control for healthcare locally - Extra expense required to control on-floor vibrations and acoustics
<b>Schedule Impacts:</b> - Schedule acceleration - equalizer to dry-in, less risk - High degree of off-site construction

OPTION 02 Shell Frame with Metal Roof Deck*
<b>Descriptions:</b> - Floor - concrete over metal floor deck - Roof - metal roof deck
<b>Flexibility:</b> - Maximum flexibility of space - Maximize options for exterior envelope - Maximize flexibility of structural grid
<b>Sustainability:</b> - Medium recycled content - Repetitive + lower waste - Good source of regional materials
<b>Embodied Energy:</b> - More construction trades & on-site construction hours - Timber required to pour the concrete over metal floor deck
<b>Construction Safety:</b> - More construction trades & on-site construction hours - Timber required to pour the concrete over metal floor deck
<b>Fire Code:</b> - Common construction type locally - Favorable building market
<b>Life Cycle Cost &amp; Seismic Resiliency:</b> - Low life cycle cost - High seismic resiliency
<b>Speed to Market:</b> - Most on speed to market - Many suppliers
<b>Off-site Construction:</b> - Good off-site construction - Just in time delivery for steel, metal deck, and concrete - Shipped locally
<b>Healthcare Occupancy:</b> - Most common construction type for healthcare locally - Good control on floor vibrations and acoustics
<b>Schedule Impacts:</b> - Schedule acceleration - equalizer to dry-in, less risk - High degree of off-site construction

OPTION 03 Shell Frame with Thermazet*
<b>Descriptions:</b> - Cast in place concrete over a prefabricated floor panel - Beams will not be designed to be "composite" - Fewer construction methodologies
<b>Flexibility:</b> - Maximum flexibility of space - Maximize options for exterior envelope - Columns are dictated by Thermazet supplier
<b>Sustainability:</b> - Lower recycled materials - Medium regional materials - Good thermal properties
<b>Embodied Energy:</b> - Medium embodied energy - Good thermal properties
<b>Construction Safety:</b> - Fewer construction trades & on-site construction hours - Some panels will be stored on site - Fewer workers required to erect mass timber
<b>Fire Code:</b> - High fire cost - expensive materials - Uncommon construction type locally - Few off-site trades and material suppliers
<b>Life Cycle Cost &amp; Seismic Resiliency:</b> - Low life cycle cost - Good seismic resiliency
<b>Speed to Market:</b> - High fire cost - expensive materials - Dependent on Thermazet supplier
<b>Off-site Construction:</b> - Good off-site construction - Just in time delivery of cast, Thermazet not shipped locally
<b>Healthcare Occupancy:</b> - Extra expense required to control on-floor vibrations
<b>Schedule Impacts:</b> - Off-site Construction - equalizer to dry-in, less risk - High degree of off-site construction

### MHTN + McKinstry

Project Information:  
 Building Area: 250,000 SQFT  
 Building Height: 8 Stories  
 Area per Foot: 60,000.00 SQFT  
 Occupancy: HHSB / USDO/State  
 Energy Performance: AS 2009  
 ASB  
 Construction Budget (EUC): \$78,430.23  
 (incl. Professional Bridge HELOC to MHTN)

SYSTEMS ANALYSIS Decision coordination
<b>Descriptions:</b> - A steel frame with CT floor and roof panels appears to be the best structural system for the project for the following reasons: - Flexibility: Maximize use of space and future programability - Sustainability: High recycled steel content, reduced fabrication waste, fabricated locally, CTT is carbon negative - Embodied Energy: Lower embodied energy due to high content of recycled materials and CTT panels - Construction Safety: Minimize on-site construction hours and material storage - First Cost: Steel is the most common construction type locally, CTT panels will increase material costs, but reduce construction times - Life Cycle Cost and Seismic Resiliency: Low life cycle costs, high seismic resiliency, best system to dissipate seismic energy - Speed to Market: Many suppliers, steel can be fabricated and installed very quickly, CTT accelerates construction - Off-site Construction: High degree of off-site construction, assembling a kit of parts onsite. Just in time delivery - Healthcare Occupancy: Hybrid structure offers a more secure environment for patient care



# Project Management Support

In order to assure that our team is successful in the work we do, we have developed enhanced resources to support project management.

- Full-time Construction Estimator
- Healthcare-trained Construction Manager
- Energy and Sustainability Manager
- Scheduling resources

# Timely Completion of Capital Improvement Projects

## Tools used to achieve timely completion:

- Fund design one year then construction the following year
- Smaller projects – begin design using study/design allocation
- Studies or partial design to define scope & budget before funding
- Procurement for multiple award contracts

## FY21 Projects (33):

- 10 projects in construction or complete with rest in bidding or design
- All but 4 expected to reach substantial completion by June 30, 2021 with those completing later in 2021

# Delegated Projects

## Capital Improvement Projects

- HVAC System Upgrades
- Roofs & Seismic Upgrades
- Elevator Upgrades
- Building Envelope Upgrades
- Lab Safety Improvements
- Central Plants & Utility Distribution
- Life Safety System Upgrades



## University-Funded Renovation and Expansion Projects

- New Public Safety Building
- New Golf Team Building
- Kennecott Mechanical Engineering Bldg. Addition
- Hospital Bed Expansion & Ortho Surgery Expansion
- Research Lab & Clinical Facility Upgrades
- Academic Facility Improvements



# DFCM-Lead Project in Construction

## Kathryn F. Kirk Center for Comprehensive Cancer Care and Women's Cancers at Huntsman Cancer Institute

- \$144M Budget
- Program:
  - 50 Bone Marrow Transplant inpatient beds
  - Outpatient Cancer Care & Faculty Offices
  - Shell Space
- Completes Fall 2022



## Ken Garff Performance Zone at Rice Eccles Stadium

- \$89M Budget
- Completes Fall 2021



# DFCM-Lead Projects in Design

## Medical Education and Discovery Complex (MEDX)

- \$185M Budget
- Currently in Design Development
- Starts Construction February, 2021



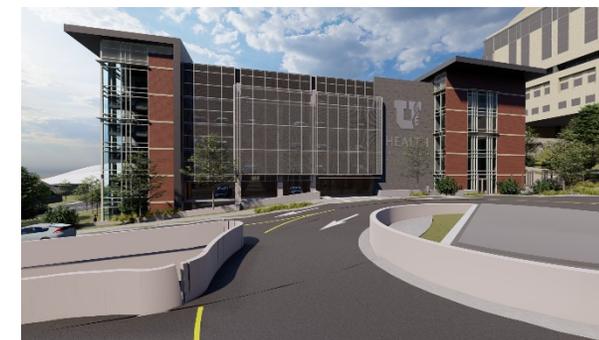
## Healthcare Educators Leaders and Innovators Complex (HELIX)

- \$105.7M
- Currently in Design Development
- Starts Construction February, 2021



## UUHC Garage and Roadways Improvements

- \$80M
- Currently in Bid/Permit phase
- Starts Construction October, 2020



Questions?



# University of Utah Managed Projects

9/25/2020

Project Number	Project Name	Cap Imp FY	State Funded Amount	Non-State Funded Amount	Total Funding	Current Budget	Commitments	Expenditures	Current Phase
21411	0999-RSRVD-Red Butte Creek Riparian Corridor (STUDY)		-	-	-	99,000	-	-	Pre-Planning
21504	0521-SOM School of Medicine Abatement and Demolition (UNIV)		-	2,034,000	2,034,000	2,034,000	1,034,981	923,032	Design Development
21548	8800-CAMP-Design Standards Consulting (STUDY)		-	79,200	79,200	79,200	73,668	63,090	Programming/Study
21699	0525-U Hosp Clinics 1, 2, & 3 Remodel (UNIV)		-	9,897,592	9,897,592	9,897,592	6,963,096	5,458,473	Construction
21805	0865-295 Ch Williams Bldg. Storm Water Conservation Garden (UNIV)		-	1,228,419	1,228,419	1,228,419	1,116,511	656,097	Construction
21855	0525-U Hosp D60 Renovation (UNIV)		-	13,400,000	13,400,000	20,731,136	1,395,311	693,769	Programming/Study
21875	0999-RSRVD-Ft. Douglas Programmatic Agreement (STUDY)		-	14,700	14,700	14,700	14,700	14,700	Pre-Planning
21910	0084 Biology Lab Space (UNIV)	FY17	2,865,403	-	2,865,403	2,843,215	2,827,988	2,533,772	Construction
21916	0085-HEB-Southeast tower fume hood upgrade (UNIV)	FY19	1,750,594	-	1,750,594	1,876,895	1,300,884	158,454	Construction
21928	0350-VRTUSB-FM Misc Contracts and Agreements (UNIV)		-	800,629	800,629	800,629	794,818	794,517	Pre-Planning
21945	0303-HTW Demolish Generator 4 (UNIV)	FY17	1,472,830	4,411	1,477,241	1,581,281	1,470,308	852,802	Construction
21951	0219-Dugout Baseball Stadium (STUDY)		-	91,255	91,255	91,255	77,917	77,917	Programming/Study
21979	0527-UHPT North Garage and Nursing Garage Lighting Upgrade (UNIV)		-	550,000	550,000	549,996	77,199	73,599	Construction Documents
21982	0527-UHPT North Parking Garage (Lot 50) Concrete Repairs (UNIV)		-	240,000	240,000	240,000	24,885	17,685	Schematic Design
22006	0211-GOLF David S. Layton Golf Academy (UNIV)		-	2,106,526	2,106,526	2,106,526	1,710,939	441,668	Construction
22015	8800-CAMP-University of Utah Health Signage Replacement (UNIV)		-	2,403,895	2,403,895	1,922,343	1,908,595	1,783,823	Construction
22017	8804-ELEC-Switches for Emergency Generators Phase 1 (UNIV)	FY18; FY19	1,875,812	-	1,875,812	2,003,000	1,378,450	203,523	Construction
22024	0325-B Creekside Walk (UNIV)		-	1,964,092	1,964,092	1,964,092	1,789,656	978,532	Construction
22051	0849-CVC Red Butte Garden Cultural Resource Survey (STUDY)		-	2,187	2,187	1,558	2,187	2,170	Programming/Study
22071	8800-CAMP Study and Design Funds (STUDY)	Various	724,620	-	724,620	335,792	-	-	Programming/Study
22074	0851-UUOC Orthopaedic Research Lab Expansion (UNIV)		-	5,045,759	5,045,759	5,045,759	4,327,936	4,324,874	Construction
22076	8800-CAMP Lower campus Sky Spark implementation (UNIV)		-	400,000	400,000	400,000	395,000	364,333	Construction
22114	0007-LS-Life Sciences Building Upgrades (UNIV)	FY18; FY19	2,056,953	-	2,056,953	2,220,953	198,893	139,569	Construction
22119	8800-CAMP Research Park Mission & Vision Update (STUDY)		-	1,404,671	1,404,671	1,368,563	1,380,922	1,211,631	Programming/Study
22139	0904-Bd Redwood Clinic New HVAC System (UNIV)		-	3,967,533	3,967,533	3,962,534	3,963,465	3,434,760	Construction

Project Number	Project Name	Cap Imp FY	State Funded Amount	Non-State Funded Amount	Total Funding	Current Budget	Commitments	Expenditures	Current Phase
22142	0205-GETC-Tennis Varsity Outside Courts Branding (UNIV)		-	122,500	122,500	122,500	24,133	24,133	Programming/Study
22143	0085-HEB 3rd Floor NE & 1st Floor NE Lab Renovation (UNIV)	FY19; FY20	4,324,890	77,750	4,402,640	4,419,536	4,368,285	1,891,917	Construction
22160	0888-729 Ar INC Radiopharmacy Remodel (UNIV)		-	3,045,662	3,045,662	3,043,162	2,648,019	1,932,117	Construction
22165	8800-CAMP Estimating RFP-Contract (UNIV)		-	86,940	86,940	86,940	80,650	49,570	Pre-Planning
22169	8800-CAMP Code and Plan Check (STUDY)		-	1,463,565	1,463,565	1,013,565	1,002,400	992,648	Pre-Planning
22175	0179-EBC ADA Ramp (UNIV)		-	11,000	11,000	66,079	11,000	8,800	Construction
22178	0037-ARCH Elevator-4 stop (UNIV)		-	452,874	452,874	1,133,425	63,062	35,232	Design Development
22193	0525-U Hosp U Health Interior Wayfinding Analysis (UNIV)		-	1,560,391	1,560,391	1,538,786	1,444,690	1,150,246	Construction
22195	0556-HCH Proton Therapy Vault (UNIV)		-	11,239,031	11,239,031	11,239,031	10,632,363	9,909,109	Construction
22197	8800-CAMP-Vendor Friendly Curbs and Sidewalks (UNIV)	FY19	185,607	-	185,607	200,000	30,880	29,380	Construction
22201	3110-FS3 Fashion Square_Replace Condenser Pumps (UNIV)		-	33,599	33,599	309,134	33,599	31,479	Bidding
22206	0017-PAB HVAC Repairs (UNIV)	FY20	1,226,793	-	1,226,793	1,299,243	1,121,097	27,366	Construction
22211	0084-Biol Replace fume hoods (UNIV)	FY20	2,538,536	-	2,538,536	2,745,313	310,201	87,093	Construction
22220	0001-Park VP Research Suite Remodel (UNIV)		-	2,000	2,000	337,504	2,000	2,000	Pre-Planning
22225	0999-RSRVD USA P3 Housing Market Study (STUDY)		-	193,246	193,246	192,800	193,221	193,221	Programming/Study
22232	0483-B 525 Plaza Parking Deck (UNIV)		-	2,128,841	2,128,841	2,128,841	1,693,692	793,000	Construction
22233	8800-CAMP Monument Sign - Arapeen Dr. & Sunnyside Ave. (UNIV)		-	100,000	100,000	100,000	54,578	39,019	Construction
22234	8800-CAMP Degendering Single Stall Campus Restrooms (UNIV)		-	10,000	10,000	10,000	6,387	6,387	Programming/Study
22237	0091-HPR E HPER East & West Systems Upgrade (UNIV)	FY20	2,282,999	-	2,282,999	2,451,500	1,869,372	156,463	Construction
22238	0029-FLD H Field House Seismic Upgrade (UNIV)	FY20; FY21	6,287,273	29,000	6,316,273	6,316,268	6,153,412	372,316	Construction
22239	64-MEB Curtain Wall Replacement (UNIV)	FY19	3,428,596	585,000	4,013,596	4,454,803	3,967,866	1,919,512	Construction
22244	0036-Bd 036 FMAB Building Renovation (UNIV)		-	1,714,933	1,714,933	1,914,933	84,951	81,820	Design Development
22245	0064-MEB Emergency Eyewash Replacement (UNIV)	FY19	805,881	-	805,881	836,272	647,935	537,739	Construction
22249	0053-Union Elevator Addition (UNIV)		-	991,934	991,934	991,934	97,017	78,680	Construction Documents
22252	0303-HTW Distribution Tunnel (UNIV)	FY16	971,228	19,558	990,786	990,786	987,166	924,466	Construction
22254	9960-B9960 Fort Douglas CA+P Community Design Studio (STUDY)		-	20,000	20,000	20,000	20,000	20,000	Pre-Planning
22255	0086-M Lib Rare Book Vault HVAC Upgrade (UNIV)	FY20	510,388	-	510,388	529,827	45,688	34,438	Construction
22259	0151-USTAR1 SMBB Cold and Tissue Culture room addition (UNIV)		-	249,000	249,000	248,444	153,346	151,346	Construction

Project Number	Project Name	Cap Imp FY	State Funded Amount	Non-State Funded Amount	Total Funding	Current Budget	Commitments	Expenditures	Current Phase
22267	0097-DGC Gymnastics Expansion (UNIV)		-	3,379,666	3,379,666	3,379,665	297,835	243,435	Construction Documents
22272	0053-Union Women's Resource Center Expansion (UNIV)		-	241,931	241,931	241,931	204,583	204,283	Construction
22275	0512-RAB Study to Increase Space Efficiency (UNIV)		-	42,480	42,480	42,480	42,480	24,951	Programming/Study
22277	0091-HPR E Swim Team Locker Room Remodel (UNIV)		-	57,600	57,600	57,600	43,200	6,000	Programming/Study
22278	0001-Park Level 1 Structural & System Upgrades (UNIV)	FY20	544,391	-	544,391	611,069	395,398	213,744	Construction
22283	8840-PARKLOT Wasatch Dr. UTA Bus Stop (UNIV)		-	316,185	316,185	829,809	314,321	281,565	Construction
22285	0531-MREB Building Demolition (UNIV)		-	250,000	250,000	2,507,169	55,723	21,867	Construction Documents
22287	0570-BPRB Level 1 Lab Remodel (UNIV)		-	6,767,632	6,767,632	6,767,634	5,544,243	3,180,403	Construction
22294	0500-CVRTI Building Addition (UNIV)		-	30,450	30,450	5,546,753	28,973	28,883	Programming/Study
22295	0865-295 Ch-Red Butte Creek Bridge @ Williams Bldg (UNIV)		-	18,995	18,995	991,262	15,935	15,935	Schematic Design
22302	8800-CAMP Hazards Mitigation Plan Update (STUDY)		-	150,000	150,000	150,000	-	-	Pre-Planning
22303	8800-CAMP Building Elevator Renewal Phase 1 (UNIV)	FY20	516,361	-	516,361	465,900	505,961	295,299	Construction
22307	0085-HEB 3rd Floor SE and 4th Floor SE Lab Renovation (UNIV)	FY20	2,341,095	-	2,341,095	2,558,214	313,041	72,559	Design Development
22308	0085-HEB North Tower SE Quadrant Roof Replacement (UNIV)	FY20	805,377	-	805,377	864,600	66,274	-	Schematic Design
22310	0302-ECP Replace HTW generators (UNIV)	FY21	213,000	13,000	226,000	226,000	219,810	24,653	Construction Documents
22317	0094-HPR W HPER College of Health Research Remodel (UNIV)		-	1,248,500	1,248,500	1,727,036	1,119,313	102,560	Construction
22318	0090-JHC Arena Feasibility Study (STUDY)		-	77,700	77,700	77,700	76,650	55,676	Programming/Study
22319	8840-PARKLOT Improvements to Lots 76 & 80 (UNIV)		-	572,000	572,000	624,335	96,768	64,599	Construction Documents
22321	0032-Stad Rice Eccles Stadium Esports Feasibility Study (STUDY)		-	73,300	73,300	73,300	69,000	46,000	Programming/Study
22323	0029-FLD H Field House Theater (UNIV)		-	9,621,837	9,621,837	9,621,837	991,349	348,748	Design Development
22326	0605-FD 605 Feasibility Study-Space Planning Options (UNIV)		-	20,672	20,672	20,672	20,672	20,672	Programming/Study
22327	0064-MEB ENG Penthouse Roof Replacement (UNIV)	FY20	2,327,211	-	2,327,211	2,484,600	2,054,368	117,522	Construction
22328	0011-WBB CoM+ES Strategic Feasibility Study (STUDY)	Various	104,500	100,500	205,000	140,500	204,100	103,585	Programming/Study
22329	0865-295 Ch Williams Building 1st floor network Tier 3 node (UNIV)		-	3,415,200	3,415,200	3,415,200	119,135	31,135	Design Development
22340	9960-B9960 Utah House Washington DC Feasibility Study (UNIV)		-	8,432	8,432	8,432	8,432	8,061	Programming/Study

Project Number	Project Name	Cap Imp FY	State Funded Amount	Non-State Funded Amount	Total Funding	Current Budget	Commitments	Expenditures	Current Phase
22344	0202-B0202 Public Safety Building (UNIV)		-	13,779,682	13,779,682	13,779,682	1,323,758	488,896	Design Development
22347	3738-B 3738 Hartland Building Landscape Improvements (UNIV)		-	1,000	1,000	1,000	-	-	Construction
22349	9960-B9960 M.Capecchi Dr. & N. Medical Dr. Intersection (UNIV)		-	3,133,254	3,133,254	3,720,883	346,162	339,472	Construction Documents
22350	0005-CSC Crocker 3rd floor buildout (UNIV)		-	801,504	801,504	9,619,192	785,004	510,015	Construction Documents
22352	0555-HCI-Replace building controls (UNIV)		-	1,574,907	1,574,907	1,574,907	1,443,864	1,318,136	Construction
22358	8800-CAMP 2020 Debate (UNIV)		-	-	-	-	-	-	Construction Documents
22360	0064-MEB L2 ECE PROGRAM LAB (UNIV)		-	713,607	713,607	713,607	578,060	501,994	Construction
22362	0565-EEJMRB Vivarium Expansion (UNIV)		-	5,954,937	5,954,937	5,954,937	527,035	343,930	Bidding
22363	0073-BLDG 73 Phase 2 (UNIV)	FY21	1,565,156	1,121,693	2,686,849	4,210,688	328,724	208,427	Construction
22364	0085-HEB Auditorium Roof Replacement (UNIV)	FY21	75,000	-	75,000	75,000	52,321	-	Schematic Design
22365	8800-CAMP Campus energy initiatives project (UNIV)		-	2,485,376	2,485,376	2,485,374	2,275,368	165,257	Construction
22366	3701-B 3701 South Jordan Health Center - Remodel 1st Floor (UNIV)		-	696,204	696,204	11,000,532	484,879	37,913	Design Development
22367	0372-Kenn B MEK 372 Lab Pavillion Phase 3 Infill (UNIV)		-	9,685,047	9,685,047	9,685,047	852,730	538,275	Construction Documents
22368	0179-EBC KUED server room capacity increase (UNIV)		-	3,000	3,000	305,864	3,000	3,000	Programming/Study
22369	0013-LCB Cowles Bldg Computer Room HVAC (UNIV)	FY21	393,479	-	393,479	390,700	216,578	14,000	Construction
22370	9960-B9960 ICHD at Ensign College (UNIV)		-	-	-	-	-	-	Bidding
22374	0325-B 325 RBG Concert Bus Turnaround (UNIV)		-	7,245	7,245	7,245	6,900	5,820	Construction Documents
22376	0066-PMT Re-roof (UNIV)	FY21	207,330	-	207,330	225,000	182,076	12,881	Construction
22377	0303-HTW Plant seismic upgrade structural improvements (UNIV)	FY20	3,081,948	-	3,081,948	3,400,000	298,003	248,220	Construction
22378	0057-Hedco Renovate 3 Labs (UNIV)	FY21	273,450	1,188,000	1,461,450	1,485,200	572,770	66,511	Construction
22379	8839-SIDEWALK Arapeen Connector (UNIV)		-	42,088	42,088	42,088	42,088	33,738	Design Development
22381	8840-PARKLOT Lot 6 Improvements (UNIV)		-	-	-	-	-	-	Schematic Design
22382	0302-ECP Replace ECP Tanks (UNIV)		-	114,167	114,167	3,212,783	98,242	64,640	Construction Documents
22383	0085-HEB Lab Safety Improvements 2020 (UNIV)	FY21	925,187	-	925,187	707,970	67,265	18,926	Schematic Design
22388	0112-HHLB Fire Suppression System MIC Correction (UNIV)		-	-	-	825,491	-	-	Pre-Planning
22389	0585-RB LAB-Radiology Lab Chiller Replacement (UNIV)	FY21	268,330	243,583	511,913	534,083	12,000	-	Construction Documents
22393	0865-295 Ch-Waste Pipe Replacement (UNIV)		-	100,000	100,000	100,000	-	-	Construction Documents
22394	0865-295 Ch Freight Elevator Modernization (UNIV)		-	120,000	120,000	-	-	-	Design Development

Project Number	Project Name	Cap Imp FY	State Funded Amount	Non-State Funded Amount	Total Funding	Current Budget	Commitments	Expenditures	Current Phase
22395	0856-423 Wa Roof Top Unit #2 Replacement (UNIV)		-	150,000	150,000	-	-	-	Construction Documents
22396	0865-295 Ch Fan Wall Upgrade (UNIV)		-	100,000	100,000	-	-	-	Pre-Planning
22397	0001-Park Renovate Suite 206 (UNIV)		-	380,502	380,502	380,502	138,654	69,841	Construction
22398	8800-CAMP Interdisciplinary Computing Building Feasibility Study (STUDY)		-	156,345	156,345	156,345	127,430	82,445	Programming/Study
22401	8800-CAMP-Football Practice Fields Enlargement Study (STUDY)		-	49,770	49,770	49,770	43,000	34,400	Programming/Study
22402	0080-GEEB Central Garage Wayfinding Signage (UNIV)		-	150,000	150,000	150,000	16,341	4,835	Construction Documents
22403	5210-MEDX ME Demo and Service Road Construction (UNIV)		-	7,507,787	7,507,787	7,507,787	5,073,020	2,272,970	Construction
22404	0303-HTW Continuous emissions monitoring (UNIV)		-	20,000	20,000	20,000	19,000	11,800	Programming/Study
22405	8839-SIDEWALK Wakara Way Sidewalk (UNIV)		-	114,000	114,000	-	1,568	1,568	Construction Documents
22406	0064-MEB Merrill Engineering Phase 3 West Penthouse (UNIV)	FY21	2,165,705	-	2,165,705	2,329,200	20,000	-	Construction Documents
22407	0072-BLDG 72 EAE Phase 2 (UNIV)		-	336,159	336,159	336,159	34,683	26,468	Construction
22408	8817-WD Culinary Water Distribution Replacement (UNIV)	FY21	558,650	33,380	592,030	630,880	66,760	10,807	Programming/Study
22409	0851-UUOC Inpatient Design Study (UNIV)		-	-	-	-	-	-	Pre-Planning
22410	8800-CAMP POWDER project Dense Deployment (UNIV)		-	-	-	348,375	-	-	Construction Documents
22411	0425-B0425 250 Tower Tenant Improvement (UNIV)		-	900,000	900,000	900,000	27,400	-	Construction Documents
22412	8800-CAMP Outdoor Campus Digital Signage (UNIV)		-	54,616	54,616	716,616	54,616	4,050	Construction Documents
22413	3111-6100 So Demolish Building #3111 at 6100 South (UNIV)		-	-	-	-	-	-	Pre-Planning
22414	0309-Motor Remodel MOTOR Office and Restrooms (UNIV)		-	66,655	66,655	663,837	58,402	45,781	Construction Documents
22415	8804-ELEC FY21 Campus site lighting improvements (UNIV)	FY21	168,307	-	168,307	175,432	-	-	Construction
22416	0085-HEB 4th Floor SE & 2nd Floor SW (UNIV)	FY21	3,268,447	-	3,268,447	3,493,000	-	-	Schematic Design
22418	0005-CSC Crocker Science lower level OCM remodel (UNIV)		-	-	-	544,651	-	-	Pre-Planning
22419	0082-ASB Skaggs Biology OCM lower level remodel (UNIV)		-	-	-	3,595,101	-	-	Pre-Planning
22421	0999-RSRVD UTA TRAX Breakroom (UNIV)		-	-	-	-	-	-	Pre-Planning
22422	8800-CAMP Earthquake Structural Assessment (UNIV)		-	-	-	-	-	-	Construction Documents
22426	0565-EEJMRB BSL3 Conversion (UNIV)		-	-	-	-	-	-	Pre-Planning
22427	0565-EEJMRB BSL3 Study Adj to EEJ Vivarium (UNIV)		-	21,415	21,415	-	21,415	-	Programming/Study

Project Number	Project Name	Cap Imp FY	State Funded Amount	Non-State Funded Amount	Total Funding	Current Budget	Commitments	Expenditures	Current Phase
22428	0865-295 Ch-Emergency Generator Replacement (UNIV)		-	200,000	200,000	-	-	-	Construction Documents
22429	0734-Bd 734 USA 400 & 500 Court Demolition (UNIV)		-	1,931,178	1,931,178	-	22,899	-	Programming/Study
22430	0853-HPEB Dumke Health Professions Chiller Replacement (UNIV)	FY21	757,800	-	757,800	819,000	-	-	Schematic Design
22431	8800-CAMP Emergency Eyewash Upgrades Ph 2 (UNIV)	FY21	459,172	-	459,172	498,300	56,540	-	Construction Documents
22432	8900-B8900 SLC Station Center Feasibility Study (STUDY)		-	92,000	92,000	-	80,000	5,000	Programming/Study
22433	0589-Eccles HVAC and Controls Upgrade (UNIV)	FY21	378,900	-	378,900	400,000	38,500	-	Programming/Study
22434	0029-FLD H-Replace Chillers in Biology & Dance Bldgs. (UNIV)	FY21	3,173,454	-	3,173,454	3,395,000	-	-	Schematic Design
22435	0094-HPR W HPER Plaza Reroof (UNIV)	FY21	200,000	-	200,000	200,000	95,000	11,400	Schematic Design
22436	0303-HTW Plant Seismic Upgrade - Buttresses (UNIV)	FY21	3,226,954	-	3,226,954	3,455,000	187,177	-	Construction Documents
22437	0084-Biol Fumehood & HVAC Upgrade NE (UNIV)	FY21	250,000	-	250,000	250,000	-	-	Construction Documents
22438	8900-B8900 RP Foothill Drive ROW Survey (STUDY)		-	9,000	9,000	-	8,500	-	Programming/Study
22439	0555-HCI Upgrade Transfer Switch (UNIV)		-	-	-	1,127,194	-	-	Pre-Planning
22440	8800-CAMP Classroom and Lab bldgs. exterior door lock down (UNIV)	FY21	321,612	-	321,612	348,900	749	749	Construction
22442	0007-LS Life Science Phase 2 Seismic Upgrades (UNIV)	FY21	200,000	-	200,000	200,000	-	-	Schematic Design
22443	5100-ACC E40 4th Floor Inpatient Buildout (UNIV)		-	-	-	-	-	-	Programming/Study
22444	0851-UUOC OR & PACU Buildout (UNIV)		-	-	-	-	-	-	Design Development
22445	0001-Park Air Handler Replacement (UNIV)	FY21	184,135	-	184,135	200,000	-	-	Bidding
22446	0066-PMT Chiller Replacement (UNIV)	FY21	110,785	-	110,785	120,000	-	-	Bidding
22447	0303-HTW Chiller #3 Replacement (UNIV)	FY21	277,150	-	277,150	300,900	-	-	Pre-Planning
22448	0058-MPL Mineral Processing Lab Roof (UNIV)	FY21	138,425	-	138,425	150,300	-	-	Pre-Planning
22449	8800-CAMP Roof Repairs (UNIV)	FY21	92,115	-	92,115	100,000	-	-	Construction
22450	8800-CAMP Fall Hazard Mitigation (UNIV)	FY21	221,767	-	221,767	241,100	-	-	Construction
22451	8800-CAMP Concrete repairs (UNIV)	FY21	92,115	-	92,115	92,115	-	-	Construction
22453	0036-Bd 036 FMAB Restroom Upgrade (UNIV)	FY19	184,515	-	184,515	-	29,335	-	Bidding
22454	0064-MEB Nuclear Reactor cooling equipment (UNIV)		-	-	-	-	-	-	Pre-Planning
22455	0865-295 Ch Level 1 Office Remodel (UNIV)		-	-	-	-	-	-	Pre-Planning
22456	3113-FS4 FS #4 - Roof Replacement (UNIV)		-	130,000	130,000	-	-	-	Pre-Planning
22457	0105-Annex Replace Annex Building with Parking Lot (UNIV)		-	-	-	-	-	-	Pre-Planning
70029	0525-U Hosp Trailer Generator Emergency Power System (UNIV)		-	1,976,755	1,976,755	1,196,703	1,976,755	1,804,898	Construction

Project Number	Project Name	Cap Imp FY	State Funded Amount	Non-State Funded Amount	Total Funding	Current Budget	Commitments	Expenditures	Current Phase
70056	0525-U Hosp-Study Security Camera Master Planning for All Bldg (UNIV)		-	1,000,000	1,000,000	1,000,000	748,042	732,576	Construction
70109	0529-ECCP Negative Air Rooms in ED (UNIV)		-	244,756	244,756	244,756	13,615	11,064	Pre-Planning
70111	0529-ECCP Hospital Maintenance Upgrade Phase 1 (UNIV)		-	2,338,166	2,338,166	2,278,367	2,289,823	2,289,823	Construction
70120	0525-U Hosp NBICU Family Space (UNIV)		-	3,182,821	3,182,821	3,182,821	197,504	84,770	Design Development
70121	0525-U Hosp Respiratory Decentralization & NICU Expansion (UNIV)		-	33,060	33,060	33,060	33,060	13,740	Programming/Study
70122	0525-U Hosp WC Madsen 3rd Level remodel (STUDY)		-	3,118,595	3,118,595	3,124,495	18,300	8,150	Pre-Planning
70138	0525-U Hosp University of Utah Health Pharmacy Upgrades (UNIV)		-	1,698,774	1,698,774	1,888,000	1,696,087	1,597,486	Construction
70140	0525-U Hosp SPD Abator Venting for New ETO Sterilizer (UNIV)		-	95,063	95,063	95,063	10,130	10,122	Construction
70148	0525-U Hosp OR Humidification System Upgrade Level 3 (UNIV)		-	196,992	196,992	175,428	196,992	192,182	Construction
70149	0525-U Hosp NBICU Humidification Upgrade Bldg 525 Level 2 (UNIV)		-	48,100	48,100	48,100	40,100	27,640	Bidding
70166	0529-ECCP ED Gold Pod, Triage, Urgent Care Check-In Redesign (UNIV)		-	1,334,079	1,334,079	1,100,000	139,755	108,064	Programming/Study
70193	0525-U Hosp-Pneumatic Tube System Upgrade (UNIV)		-	28,181	28,181	28,181	24,981	24,981	Construction
70196	0525-U Hosp Hospital Inverters - Backup Lighting (UNIV)		-	729,790	729,790	729,790	103,314	99,907	Construction
70204	0851-UUOC Ortho MRI Door (UNIV)		-	65,000	65,000	65,000	20,900	20,214	Construction
70224	0525-U Hosp Level B Endoscopy Break Room Remodel (UNIV)		-	85,879	85,879	85,879	-	-	Pre-Planning
70226	0550-CNC Emergency Generators (UNIV)		-	1,068,743	1,068,743	1,068,743	80,725	60,544	Construction Documents
70229	0561-HNPTH Lot 51 Bicycle Storage (UNIV)		-	249,000	249,000	249,000	26,908	15,185	Pre-Planning
70234	0525-U Hosp ACC Bridge Connections (UNIV)		-	101,939	101,939	101,939	94,523	85,139	Construction
70240	0525-U Hosp Building Evaluation (UNIV)		-	198,326	198,326	198,326	198,326	176,727	Programming/Study
70241	0525-U Hosp NBICU Nurse Station and Aesthetic Upgrade (UNIV)		-	1,659,288	1,659,288	1,457,557	145,100	118,540	Bidding
70243	0575-HSEB Clinical Staff Education- HSEB Reconfiguration (UNIV)		-	-	-	720,959	-	-	Pre-Planning
70244	0525-U Hosp Medical Gas System Upgrade (UNIV)		-	88,965	88,965	88,965	88,965	66,723	Construction Documents
70250	0525-U Hosp BTICU Clinic Space (UNIV)		-	165,584	165,584	165,584	47,564	15,570	Construction
70251	0522-WPAV Chapel - Redrock Room (UNIV)		-	1,809,000	1,809,000	1,809,000	112,773	79,225	Bidding
70254	0525-U Hosp OR Hybrid Room Level 3 (UNIV)		-	5,125,721	5,125,721	5,125,721	2,860,015	122,419	Bidding
70257	0525-U Hosp FY20 1593 Project Scope – Infill Level 1 Backfill (UNIV)		-	266,160	266,160	9,971	266,160	147,670	Construction Documents
70262	0522-WPAV Shop Space Relocation to High Temp Room (UNIV)		-	355,619	355,619	355,619	34,560	3,888	Construction Documents

Project Number	Project Name	Cap Imp FY	State Funded Amount	Non-State Funded Amount	Total Funding	Current Budget	Commitments	Expenditures	Current Phase
70266	0881-UUNI ID 1548 UNI Replace Non-Compliant Doors (UNIV)		-	271,988	271,988	264,000	223,348	15,638	Bidding
70271	0902-Bd 902 Parkway Pharmacy (UNIV)		-	8,405	8,405	249,566	8,405	6,304	Pre-Planning
70272	0908-Bd 908-Stansbury Pharmacy (UNIV)		-	180,895	180,895	180,895	134,858	10,429	Pre-Planning
70274	0521-SOM Archibus Verification (UNIV)		-	30,000	30,000	30,000	30,000	17,044	Pre-Planning
70279	0525-U Hosp FY20 Hospital Aesthetic Upgrade (UNIV)		-	396,420	396,420	10,000	117,895	81,895	Schematic Design
70281	0556-HCH Lobby HVAC Upgrade (UNIV)		-	57,746	57,746	827,460	57,746	47,105	Pre-Planning
70282	0901-Bd 901 X-Ray System Upgrade @ Greenwood (UNIV)		-	282,476	282,476	282,476	7,385	7,385	Programming/Study
70284	0525-U Hosp Central Pharmacy - Resident Office Expansion (UNIV)		-	9,600	9,600	9,600	9,600	7,200	Construction Documents
70287	0525-U Hosp Procedure Space Electrical Standardization (UNIV)		-	60,000	60,000	60,000	50,000	-	Programming/Study
70288	0483-B 483 525 Plaza UNI Expansion (UNIV)		-	54,000	54,000	113,979	23,432	19,390	Construction
70289	0529-ECCP Replace Medical Air System (UNIV)		-	32,000	32,000	283,929	-	-	Design Development
70290	0525-U Hosp Replace Medical Vacuum System (UNIV)		-	37,550	37,550	229,758	-	-	Design Development
70291	0529-ECCP Hospital Maintenance Upgrade Phase 6 (UNIV)		-	1,200,118	1,200,118	-	1,200,118	22,513	Pre-Planning
70292	0526-HospPI External Chilled Water Connections (UNIV)		-	353,655	353,655	353,665	-	-	Programming/Study
70293	0525-U Hosp BTICU Shower Head (UNIV)		-	291,335	291,335	291,335	26,271	11,152	Construction
70296	0529-ECCP Renovate SICU PACs and Conf. room (UNIV)		-	109,975	109,975	109,975	4,335	2,895	Construction Documents
70297	0851-UUOC Ortho Parking Structure Traffic Coating (UNIV)		-	1,151,012	1,151,012	1,151,012	37,817	19,690	Construction Documents
70299	0851-UUOC Ortho Procedural Suite Remodel (UNIV)		-	273,254	273,254	273,254	110,850	15,816	Construction
70300	0522-WPAV Hospital Kitchen Flooring Replacement (UNIV)		-	561,146	561,146	561,146	19,478	-	Construction
70302	0521-SOM Remove or Reinforce in-place Lattice Facade (UNIV)		-	300,000	300,000	150,000	45,000	11,988	Design Development
70303	0521-SOM Roof Replacement (UNIV)		-	2,300,000	2,300,000	2,300,000	96,462	91,639	Pre-Planning
70305	0521-SOM-5 West Patient Safety Upgrade (UNIV)		-	940,642	940,642	940,642	442,322	405,677	Construction
70307	0522-WPAV Donor Directory Relocation (UNIV)		-	89,915	89,915	75,000	84,968	68,631	Construction
70310	0881-UUNI UNI TRMD Expansion (UNIV)		-	133,606	133,606	143,606	133,606	12,443	Schematic Design
70311	0525-U Hosp University Hospital Adult Changing Room Restroom (UNIV)		-	204,963	204,963	204,964	-	-	Pre-Planning
70313	0556-HCH Clinic 2B Update (UNIV)		-	75,000	75,000	75,000	33,397	33,397	Construction
70316	0525-U Hosp 4411497 - Relocate OB Emergency & Build 2 new LDRs (UNIV)		-	3,732,957	3,732,957	-	180,300	119,507	Design Development
70317	0904-Bd 904 Thrombosis Provider Office Renovation (UNIV)		-	444,494	444,494	444,494	23,526	-	Pre-Planning

Project Number	Project Name	Cap Imp FY	State Funded Amount	Non-State Funded Amount	Total Funding	Current Budget	Commitments	Expenditures	Current Phase
70318	0556-HCH 4411469 Replace HCH Pet CT (UNIV)		-	2,500,000	2,500,000	137,610	10,000	9,000	Construction
70319	0556-HCH Radiology Reception Remodel (UNIV)		-	19,950	19,950	413,064	19,950	15,960	Construction Documents
70320	0525-U Hosp Hospital Post Earthquake Structural Assessment (UNIV)		-	63,848	63,848	47,598	54,353	51,813	Construction
70321	0525-U Hosp UUHC Post-Earthquake Structural Evaluation (UNIV)		-	180,000	180,000	-	180,000	24,269	Pre-Planning
70322	3110-FS3 Midvalley Pharmacy Ambulatory Infusion Suite (UNIV)		-	1,778,600	1,778,600	1,778,623	126,330	38,028	Construction
70325	0527-UHPT Lot 50 Wayfinding (UNIV)		-	82,500	82,500	-	82,500	38,281	Construction Documents
70326	0888-729 Ar Replacement MRI (UNIV)		-	240,300	240,300	240,300	107,242	62,896	Pre-Planning
70327	0379-Bd 379 Pediatrics Clinic Relocation to DOH Bldg (UNIV)		-	31,313	31,313	-	31,313	31,313	Programming/Study
70328	0556-HCH Rad Onc Office Remodel (UNIV)		-	72,781	72,781	-	7,670	5,752	Bidding
70329	0525-U Hosp 7, Installation of booster return air fan for Pharmacy air handlers (UNIV)		-	32,756	32,756	170,836	32,756	-	Construction Documents
70330	0685-MHC Madsen Sewer Line Replacement Site (UNIV)		-	-	-	-	7,320	-	Design Development
70331	3516-B 3516 Remodel AirMed Living Quarters (UNIV)		-	669,785	669,785	-	-	-	Pre-Planning
70332	3417-UNI PC UNI Park City Aesthetic Upgrade (UNIV)		-	37,200	37,200	-	37,200	3,500	Pre-Planning
70333	0523-Moran Zeiss Scope Replacement OR 3 (UNIV)		-	10,450	10,450	-	-	-	Construction
70334	0904-Bd 904 Redwood Health Center Elevator Overhaul (UNIV)		-	249,749	249,749	249,749	11,074	-	Pre-Planning
70335	0525-U Hosp Mediserve Renovo Dock Remodel (UNIV)		-	77,068	77,068	-	77,068	-	Pre-Planning
70336	0916-Bd 916 Redstone Mammography Replacement 916-1-132 (UNIV)		-	506,727	506,727	-	16,500	-	Pre-Planning
70337	0550-CNC Pedestrian Bridge Repair (UNIV)		-	-	-	-	-	-	Pre-Planning
70338	0550-CNC Belimed Equip. Replacement & Remodel (UNIV)		-	86,557	86,557	86,557	-	-	Construction Documents
70339	0556-HCH Rad Onc Treatment Planning Office (UNIV)		-	72,155	72,155	72,155	-	-	Pre-Planning

Total: \$ 63,380,225 \$ 197,905,120 \$ 261,285,345 \$ 302,964,774 \$ 116,868,069 \$ 68,922,378

Count: 236

October 15, 2020

Jim Russell, Division Director  
State of Utah – Division of Facilities  
Construction and Management  
4315 South 2700 West FL 3  
Taylorsville, UT 84129-2128  
PO Box 141160  
Salt Lake City, UT 84114-1160

Dear Jim:

SUBJECT: USU Administrative Reports October 15, 2020

The following is a summary of the administrative reports for USU for the period 07/15/2020 to 10/15/2020.

**Professional Contracts 10; Misc. contracts 3**

Documentation provided upon request.

**Construction Contracts 31; Misc. contracts 19**

Documentation provided upon request.

**Report of Contingency Reserve Fund** (Page 1)

Ten projects needed funds and no projects contributed to the contingency reserve fund during this reporting period. There are 41 active Capital Improvement projects, with a total of \$1,300,185.65 remaining in unused contingency funds. This is 119.8% of the total contingency fund of \$1,085,268.31. Based on an internal risk assessment, the University finds this fund's balance to be adequate.

**Report of Project Reserve Fund Activity** (Page 1)

Two projects needed funds and four projects contributed to the 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 2-4)

Of USU's 105 projects, 16 are pending, 17 are in the design/study phase, 42 are in construction, 23 are substantially complete and 7 are complete. The 7 projects completed during this period were Access Control FY20, ANSCI Admin 108 Remodel, Bike Racks Site Furn. FY19, Classroom Upgrades FY20, Football Lockers, SDL Chiller Replacement and USUE Price Fire Lane.

Sincerely,



David T. Cowley  
Vice President for  
Business and Finance

DTC/ah  
c: Richard Amon  
Darrell Hunting



**Report of Contingency Reserve Fund  
From 07/15/2020 to 10/15/2020**

Project Title	Transfer Amount
<b>BEGINNING BALANCE</b>	<b>\$1,564,056.42</b>
<b>INCREASES TO CONTINGENCY RESERVE FUND</b>	
None	-
<b>DECREASES FROM CONTINGENCY RESERVE FUND</b>	
10 Capital Improvement projects	(478,788.11)
<b>ENDING BALANCE</b>	<b>\$1,085,268.31</b>

**Report of Project Reserve Fund  
From 07/15/2020 to 10/15/2020**

Project Title	Transfer Amount
<b>BEGINNING BALANCE</b>	<b>\$1,106,421.59</b>
<b>INCREASES TO PROJECT RESERVE FUND</b>	
4 Capital Improvement projects	61,322.39
<b>DECREASES TO PROJECT RESERVE FUND</b>	
2 Capital Improvement projects	(96,570.00)
<b>ENDING BALANCE</b>	<b>\$1,071,173.98</b>

## Current Delegated Projects List 10/15/2020

Project Number	DFCM Number	Project Name	Project Type	Phase	Project Budget
<b>CAPITAL IMPROVEMENT/USU</b>					
A39185	18051770	Medium Voltage Upgrade FY18	Capital Improvement FY18	Substantial Completion	1,493,182
A39193	18060770	NFS Lab Ventilation Replace	Capital Improvement FY18	Substantial Completion	1,164,229
A41728	19095770	Bike Racks/Site Furn FY19	Capital Improvement FY19	Complete	53,059
A41737	19105770	Blue Square Pedestrian Crossing	Capital Improvement FY19	Construction	368,702
A41727	19094770	Concrete Replacement FY19	Capital Improvement FY19	Substantial Completion	507,357
A41738	19106770	Fire Sprinkling Upgrade	Capital Improvement FY19	Substantial Completion	476,833
A41724	19091770	Medium Voltage Upgrade FY19	Capital Improvement FY19	Construction	1,390,966
A41732	19099770	Parking Lot Paving FY19	Capital Improvement FY19	Construction	692,651
A41725	19092770	Planning & Design FY19	Capital Improvement FY19	Design/Study	206,934
A41748	19123770	SDL Chiller Replacement	Capital Improvement FY19	Complete	409,341
A41730	19097770	Sign System FY19	Capital Improvement FY19	Construction	46,009
C11937	19120770	USUE Outdoor Lighting Upgrade	Capital Improvement FY19	Substantial Completion	337,005
C11935	19118770	USUE Price BDAC Skylight	Capital Improvement FY19	Substantial Completion	391,915
C11931	19114770	USUE Price Fire Lane	Capital Improvement FY19	Complete	482,311
C11934	19117770	USUE Price MCC Steam Piping	Capital Improvement FY19	Design	69,391
C11932	19115770	USUE Price Utility Upgrades	Capital Improvement FY19	Construction	1,095,341
A44216	20140770	700 N Street Improvements	Capital Improvement FY20	Substantial Completion	2,594,871
A44594	20141770	850 N/North Core	Capital Improvement FY20	Construction	1,493,301
A44584	20117770	Access Control FY20	Capital Improvement FY20	Complete	473,450
A44583	20116770	Bike Racks/Site Furn FY20	Capital Improvement FY20	Construction	55,400
C12029	20134770	Blanding Parking Lots	Capital Improvement FY20	Substantial Completion	150,480
A44588	20122770	BNR Mechanical	Capital Improvement FY20	Pending	1,394,240
A44586	20119770	Classroom Upgrades FY20	Capital Improvement FY20	Complete	243,994
A44596	20143770	CPD Heating System	Capital Improvement FY20	Design	161,119
A44581	20114770	Health, LS, Code, Asbestos FY20	Capital Improvement FY20	Construction	138,354
A44590	20124770	LARC Lab Ventilation	Capital Improvement FY20	Design/Study	175,000
A44601	20148770	Lath House Replacement	Capital Improvement FY20	Construction	382,764
A44598	20145770	Lighting Control Panels	Capital Improvement FY20	Substantial Completion	173,288
A44579	20112770	Medium Voltage Upgrade FY20	Capital Improvement FY20	Construction	832,687
A44597	20144770	NFS Building Reroof	Capital Improvement FY20	Substantial Completion	814,492
A44589	20123770	NFS Generator Replacement	Capital Improvement FY20	Substantial Completion	604,977
A44580	20113770	Planning & Design FY20	Capital Improvement FY20	Design/Study	185,000

A44585	20118770	Sign System FY20	Capital Improvement FY20	Construction	46,009
A44591	20125770	Site & Safety Lighting FY20	Capital Improvement FY20	Construction	498,393
A44599	20146770	UR Chilled Water Upgrade	Capital Improvement FY20	Substantial Completion	251,575
C12031	20136700	USUE Access Control	Capital Improvement FY20	Substantial Completion	106,511
C12027	20132770	USUE BDAC Controls	Capital Improvement FY20	Pending	322,445
C12033	20138770	USUE Jones Parking Lots	Capital Improvement FY20	Substantial Completion	244,101
C12026	20131770	USUE MCC Elevator	Capital Improvement FY20	Construction	179,302
C12025	20130770	USUE MCC Ventilation	Capital Improvement FY20	Design/Study	25,000
C12030	20135770	USUE Slurry Seal Lots	Capital Improvement FY20	Substantial Completion	189,391
C12032	20137770	USUE Trucking Facilities	Capital Improvement FY20	Pending	276,381
C12024	20129770	USUE Utility Master Plan	Capital Improvement FY20	Design/Study	100,000
A44600	20147770	Vehicle Storage Building	Capital Improvement FY20	Construction	300,532
A48042	21127770	700 N Street Improvements Design	Capital Improvement FY21	Design/Study	200,000
A47951	21128770	800 East Sidewalk	Capital Improvement FY21	Construction	692,545
A48035	21113770	Access Control FY21	Capital Improvement FY21	Construction	182,648
A48034	21112770	Bike Racks/Site Furnishing FY21	Capital Improvement FY21	Construction	55,192
A48038	21116770	Classroom Upgrades FY21	Capital Improvement FY21	Pending	230,232
A48033	21111770	Concrete Replacement FY21	Capital Improvement FY21	Construction	309,456
A48041	21126770	Eccles Conference Center Reroof	Capital Improvement FY21	Construction	784,833
A48044	21130770	ESLC Tiered Classroom	Capital Improvement FY21	Pending	87,788
A48039	21117770	Fieldhouse Floor Replacement	Capital Improvement FY21	Construction	940,617
A48046	21132770	Geology Generator Replacement	Capital Improvement FY21	Pending	184,302
A48032	21110770	Health, LS, Code, Asbestos FY21	Capital Improvement FY21	Construction	138,354
A48045	21131770	Lillywhite Elevator Upgrade	Capital Improvement FY21	Design	184,302
A47155	21125770	MC Library Reroof	Capital Improvement FY21	Construction	1,088,663
A48030	21108770	Medium Voltage Upgrade FY21	Capital Improvement FY21	Construction	851,913
A48047	21133770	Natural Resources Reroof	Capital Improvement FY21	Pending	1,017,531
A48040	21124770	Old Main Painting	Capital Improvement FY21	Pending	550,872
A48031	21109770	Planning & Design FY21	Capital Improvement FY21	Pending	175,000
A48043	21129770	Roosevelt Hydronic System Upgrade	Capital Improvement FY21	Pending	276,755
A48036	21114770	Sign System FY21	Capital Improvement FY21	Pending	46,009
A48037	21115770	Site & Safety Lighting FY21	Capital Improvement FY21	Construction	322,906
A47156	21123770	Spectrum Parking Lot Repave	Capital Improvement FY21	Construction	1,434,733
C12281	21118770	USU Price Access Control FY21	Capital Improvement FY21	Pending	138,354
C12282	21119770	USU Price Chiller Replacement	Capital Improvement FY21	Design	322,838
C12284	21121770	USU Price Hydronic Heating System	Capital Improvement FY21	Pending	345,803
C12285	21122770	USU Price Trucking Reroof	Capital Improvement FY21	Pending	92,387
C12283	21120770	USU Price WIB Controls Upgrade	Capital Improvement FY21	Pending	322,838
A46615	20415770	Lighting & Solar Upgrades	Capital Improvement/Energy Loan	Construction	460,000
A44106	N/A	700 East Roadway 1400 - 1600 N	Utah State University	Design	39,755

A46261	N/A	AGRS 4th Floor Renovation	Utah State University	Substantial Completion	342,643
A45727	N/A	ANSCI Admin 108 Remodel	Utah State University	Complete	75,864
A45412	N/A	Bio Engineering Project Lab	Utah State University	Construction	1,050,000
A47247	N/A	Caine Dairy Manure Press	Utah State University	Construction	172,891
A46249	N/A	Campus Store Remodel	Utah State University	Substantial Completion	668,061
A45866	N/A	Coal Yard Equipment Shed	Utah State University	Construction	497,555
A46423	N/A	David B Haight Remodel	Utah State University	Construction	473,036
A47836	N/A	East Parking Terrace Solar Panels	Utah State University	Construction	251,650
A46195	N/A	FAC Academic Advising Center	Utah State University	Substantial Completion	261,664
A44248	N/A	Football Lockers	Utah State University	Complete	548,483
A47062	N/A	IC Storm Drain	Utah State University	Construction	989,813
A47674	N/A	Johnson Field Safety Upgrades	Utah State University	Pending	400,000
A46673	N/A	Junction Reroof	Utah State University	Substantial Completion	116,968
A45302	N/A	Lab Air Quality Controls	Utah State University	Construction	324,088
A46398	N/A	LED Indoor Upgrades	Utah State University	Construction	1,000,000
A47879	N/A	OM 229 Remodel	Utah State University	Construction	118,988
A48048	N/A	Public Safety Vestibule (NEW PROJECT)	Utah State University	Design	150,000
A48050	N/A	SER Data Center Upgrade (NEW PROJECT)	Utah State University	Construction	176,250
A42103	N/A	SLC Campus East Entrance	Utah State University	Design	5,538
A44407	N/A	SLC Campus Greenhouse	Utah State University	Substantial Completion	633,506
A45249	N/A	Soccer Field	Utah State University	Construction	911,377
A45779	N/A	Sonne Conference Room	Utah State University	Construction	246,670
A45254	N/A	South Farm Beef Barn Classroom	Utah State University	Design	39,680
A48049	N/A	TSC Colony Rooms	Utah State University	Design	17,050
A46439	N/A	TSC Fire Alarm Upgrade	Utah State University	Design	17,450
A42375	N/A	TSC Student Affairs Remodel	Utah State University	Construction	2,221,782
A45974	N/A	Univ Inn 5th Floor Hallway	Utah State University	Construction	128,253
A47930	N/A	Univ Inn 5th Floor Meeting Rooms	Utah State University	Substantial Completion	131,361
A47837	N/A	USU Blanding Dorm Restroom	Utah State University	Substantial Completion	138,774
A44945	N/A	UWRL Fiber Upgrade	Utah State University	Construction	500,000
A47147	N/A	UWRL Grad Office Remodel	Utah State University	Design	126,150
A47157	N/A	Vernal Landscape Renovation	Utah State University	Construction	172,684
A43760	N/A	Welcome Center Remodel	Utah State University	Substantial Completion	756,265
<b>TOTAL (105)</b>					<b><u>46,739,402</u></b>



Gary R. Herbert  
Governor

# Utah State Building Board

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Salt Lake City, Utah 84114  
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## MEMORANDUM

To: Utah State Building Board  
From: Jim Russell  
Date: October 7, 2020  
Subject: **FY2022 State-Funded Capital Development Prioritization Hearing**

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In preparation for the prioritization, the Building Board will view presentations on the following FY2022 Capital Development Projects.

DNR, Division of Forestry, Fire and State Lands  
DNR, Division of Forestry, Fire and State Lands  
DNR, Division of Wildlife Resources  
DHS, Utah State Hospital  
DHS, Utah State Developmental Center  
DAS, Fleet/Surplus/DFCM

Lone Peak Facility  
Richfield Fire Cache/ Storage Bldg  
Loa Fish Hatchery  
ISTEP Building  
Comp Therapy Building  
Fleet Surplus and DFCM Relocation