Listed on the following slides are updates to all current projects in both Construction Project Delivery and Campus Planning.

Projects are organized by Project Manager. Those marked with an asterisk have additional information provided. They were identified due to complexity and multiple coordination efforts involved. For information on projects listed without detailed supporting slides, please contact the Project Manager directly.

For additional information or questions you may contact:

Shannon Failner:
801-581-3135
shannon.failner@fm.utah.edu

Missy Tyrrell:
801-581-3134
Missy.tyrrell@fm.utah.edu
Projects

*21223 Social & Behavioral Sciences Seismic Structural Repairs Phase 1
*20128 University Campus Wayfinding
21169 UMFA Humidity Investigation Phase 1
21313 UBSB Reconfigure Levels
*21358 Ch-Williams Bldg. AH5 and AH6 Upgrade
21425 Dumke Gymnastics Center Interior Upgrade & Branding
21514 Heritage Commons wayfinding Signage Upgrade
21591 Union Freezer Basement
21606 Vehicular Signage-Health Sciences-Mario Capecchi & No. Campus Dr.
*21467 Pedestrian Signage Plan
*21608 MBH Remodel Rooms Research A and Clinic B

* Please see slides below for more detail
Social and Behavioral Science
Seismic Structural Repairs Phase I

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural upgrades to eliminate Mezzanine “soft story” at Level 2. Upgrade the seismic performance of the building by wrapping lower columns, adding shear walls etc. Deteriorating concrete in perimeter of building pose additional life safety hazards.</td>
<td>Construction: $2,175,000 Soft Costs: $325,000 Total Costs: $2,500,000</td>
<td>Phase IA</td>
</tr>
<tr>
<td>Phase IA: VR Lab relocation to FMAB Upgrade Fire Protection System FMAB</td>
<td>Basement: 6,240sf $820,901 BEHS ½ Classroom: 3,120sf $1,000,000 FMAB (Lab): 1,950sf $326,753 FMAB (Fire Protect): 34,185sf $261,000</td>
<td>Phase 1B</td>
</tr>
<tr>
<td>Phase IB: Behavioral Science Basement and half of level 1</td>
<td></td>
<td>Phase II</td>
</tr>
<tr>
<td>Phase II: Unknown</td>
<td></td>
<td>Phase III</td>
</tr>
<tr>
<td>Phase III: Unknown</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MAJOR IMPACTS AND RISKS

- Classroom and Research Scheduling Constraints
- Research, Clinic, Faulty and Staff impacts and relocation coordination
- FY Funding and total project cost criteria
- Noise, vibration and dust
- Life Safety, Critical path schedule for BEHS

Project Manager: Christin Robbins christin.robbins@fm.utah.edu
## SCOPE

Provide supplemental cooling for the building. Replace the chilled water coils in AH5 and AH6. Add three fan coil units the third floor. Upgrade dust static pressure controls.

<table>
<thead>
<tr>
<th>Area served by AH5:</th>
<th>27,053 sf</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area served by AH6:</td>
<td>26,380 sf</td>
</tr>
</tbody>
</table>

## BUDGET

| Construction: | $170,000 |
| Soft Costs:   | $56,000  |
| Total Costs:  | $226,000 |
| Project Cost/sf: | $4.23 |

## SCHEDULE

| Construction:       | Oct 2013 - Apr 2014 |
| Substantial Completion: | April 1, 2014 |

## MAJOR IMPACTS AND RISKS

- Minimize noise and dust
- Protect and minimize disturbance to building tenants and operations outside the construction zone
- Security

Project Manager: Christin Robbins  
christin.robbins@fm.utah.edu
Pedestrian Signage Plan
Camp 8800

SCOPE

Design and install Sign Type 8 of Campus Sign Family. Pedestrian oriented signs will direct pedestrians to their destinations.

Main Campus: 344.88 Acres: 54 Signs
Fort Douglas: 143.7 Acres: 25 Signs

BUDGET

Construction: $143,000
Soft Costs: $97,000
Total Costs: $240,000

SCHEDULE

Construction: May 2014 - Dec 2014
Substantial Completion: Dec 2014

MAJOR IMPACTS AND RISKS

- Coordination of sign placement with map, existing grade, utilities, irrigation and snow removal constraints
- Weather

Project Manager: Christin Robbins
christin.robbins@fm.utah.edu
Milton Bennion Hall
Level 3 Remodel Select Rooms

SCOPE

Research(A) rooms and Clinic(B) rooms need to decrease sound transmission, upgrade interior finishes with electrical and mechanical as required. Existing stair improvements per ADA requirements.

BUDGET

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>$85,000</td>
</tr>
<tr>
<td>Soft Costs:</td>
<td>$32,572</td>
</tr>
<tr>
<td>Total Costs:</td>
<td>$117,772</td>
</tr>
</tbody>
</table>

SCHEDULE

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>Jun 2014 – Sep 2014</td>
</tr>
<tr>
<td>Substantial Completion:</td>
<td>Oct 1, 2014</td>
</tr>
</tbody>
</table>

MAJOR IMPACTS AND RISKS

- Dust, vibrations and noise control
- Clinic and Research scheduling constraints
- Life Safety – Critical path schedule.

Project Manager: Christin Robbins
christin.robbins@fm.utah.edu
Projects

*21079 Electrical Distribution System Improvements
21171 Emergency Generator Replacement
*21172 Electrical Distribution System improvements
21192 U of U Metering Upgrade
*21277 Electric and HTW Distribution Infrastructure Replacement
*21332 Electric Shuttle Charging Stations
*21410 Guest House 2013 Remodel Project
*21389 Guest house Emergency Generator
*21462 Union Mechanical Pipe Replacement Phase 5

* Please see slides below for more detail
Electrical Distribution System Improvements

**SCOPE**

The project includes electrical distribution system improvements including Substation 7 replacement.

Area of Project: All Campus

**BUDGET**

- **Construction:** $2,127,285
- **Soft Costs:** $302,000
- **Total Costs:** $2,429,117

**SCHEDULE**

- **Construction Documents:** Jan 2014
- **Substantial Completion:** Oct 2015

**MAJOR IMPACTS AND RISKS**

- Noise
- Protecting and minimizing disturbance to building tenants and operations
- Coordination between equipment supplier and General Contractor

Project Manager: Scott Jefferson

scott.jefferson@fm.utah.edu
SCOPE

Repair electrical infrastructure to improve reliability. Extend 12470 feeders from medical and Red Butte to create loop feeds from multiple substations. Replacement of Substation 7

Area of Project: Across Campus

BUDGET

Construction: $2,135,085
Soft Costs: $191,973
Total Costs: $2,327,058

SCHEDULE

Construction Documents: Jan 2014
Substantial Completion: Oct 2015

MAJOR IMPACTS AND RISKS

- Noise, dust
- Proper coordination with electric shop
- Protecting and minimizing disturbance to building tenants and operations
- Coordination between equipment supplier and General Contractor

Project Manager: Scott Jefferson
scott.jefferson@fm.utah.edu
Electric and HTW Distribution Infrastructure Replacement

**SCOPE**

Upgrade electrical and HTW across campus to meet the needs of growth on campus.

Area of Project: All Campus

**BUDGET**

<table>
<thead>
<tr>
<th>Construction:</th>
<th>$85,850,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft Costs:</td>
<td>$13,168,125</td>
</tr>
<tr>
<td>Total Costs:</td>
<td>$99,018,125</td>
</tr>
</tbody>
</table>

**SCHEDULE**

- Phase I Construction: Sep 2012
- Phase II CD: Mar 2014
- Substantial Completion:
  - HTW: Dec 2013
  - Stadium Substation: Jul 2014
  - Electric Phase I: Dec 2014

**MAJOR IMPACTS AND RISKS**

- Occasional PowerShutdowns
- Occasional HTW Shutdowns
- Parking impacts
- Sidewalk detours
- Protecting and minimizing disturbance to building tenants and operations
- Coordination between equipment supplier and General Contractor

Project Manager: Scott Jefferson  
scott.jefferson@fm.utah.edu
Electric Shuttle Charging Stations

**SCOPE**

Provide proposed electric shuttles with charging stations near the South Campus Drive TRAX Stop

Project Size: Medium

**BUDGET**

- Construction: $100,000
- Soft Costs: $25,000
- Total Costs: $2,000,000 (UTA Grant)

**SCHEDULE**

- Electric Bus Test: Dec 2013 - Jun 2014
- Substantial Completion: Dec 2013

**MAJOR IMPACTS AND RISKS**

- Noise, Dust
- Parking Impacts in Lot 14
- Sidewalk Traffic along South Campus Drive will be affected
- Failure of bus batteries
- Failure of charging equipment

Project Manager: Scott Jefferson  scott.jefferson@fm.utah.edu
# University Guest House 2013 Remodel

## SCOPE

- Repave and improve the parking lot and replace elevator to bring it up to code and match the newer elevator

Area of Project: 71,323 sf

## BUDGET

- Construction: $133,336
- Soft Costs: $113,482
- Total Costs: $246,818
- Project Cost/sf: $4.71

## SCHEDULE

- Construction: Jun 2014
- Sub. Completion (Elevator): Apr 2014

## MAJOR IMPACTS AND RISKS

- Noise, Dust
- Protecting and minimizing disturbance to building tenants and operations
- Parking impacts in the Guest House lot
- Elevator will be temporarily closed

---

Project Manager: Scott Jefferson

scott.jefferson@fm.utah.edu

---
Guest House Emergency Power for Conference Room (EOC)

**SCOPE**

Reallocation of the power from the emergency generator to provide power to the new remodeled space.

Delivery Method: Design Bid Build

**BUDGET**

- Construction: $17,000
- Soft Costs: $8,400
- Total Costs: $25,400

**SCHEDULE**

- Construction Documents: Jun 2013
- Substantial Completion: Unknown

**MAJOR IMPACTS AND RISKS**

- Building is not designed for a hardened EOC
- Tenants and operations impacts

Project Manager: Scott Jefferson  
scott.jefferson@fm.utah.edu
Union Mechanical Pipe Replacement
Phase V

SCOPE

Upgrade mechanical and plumbing in Union (waste, vent and water piping replacing all steam and condensate piping, including pipe risers, in the North Wing Level 1 and the South Wing Levels 1, 2 and 3.

Project Size: 206,105 sf

BUDGET

Construction: $880,000
Soft Costs: $200,000
Total Costs: $1,080,000

SCHEDULE

Substantial Completion: Aug 2014

MAJOR IMPACTS AND RISKS

- Noise, Dust
- Protecting and minimizing disturbance to building tenants and operations
- Coordination between equipment supplier and General Contractor

Project Manager: Scott Jefferson
scott.jefferson@fm.utah.edu
Projects

*21130 Well Dev and Secondary Irrigation System Phase 2
21215 Secondary Irrigation System-Phase 3
*21317 Campus Replacement & Install New Emergency Eyewashes-showers
21434 FD 660-660A North Side Porch Remodel
*21453 EIHG-Genetics Bldg. Heating Water Piping Replacement
21577 ARC-Cooling Tower Renovation
21578 ARC-Boiler Emergency Connections
21583 RB LAB-Emergency Chilled Water Connections
21594 Stadium-Renovate & upgrade Plumbing & power

* Please see slides below for more detail
# Well Development / Secondary Irrigation System

## Project Scope

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Install Press reducing stations on secondary irrigation system</td>
<td>Total Costs: $65,000</td>
<td>Construction Documents: Dec 2013</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Construction: Feb 2013 – Apr 2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Substantial Completion: May 2014</td>
</tr>
</tbody>
</table>

## Major Impacts and Risks

- Budget and scheduling constraints

---

Project Manager: Dennis Crawford
dennis.crawford@fm.utah.edu
EHS Campus Emergency Fixture Replacement and Installations

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace and install emergency fixtures in lab and mechanical areas in twenty campus locations.</td>
<td>Total Costs: $117,429</td>
<td>Design Development: Jun 2012</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Construction: Jul 2012 – Mar 2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Substantial Completion: May 2014</td>
</tr>
</tbody>
</table>

MAJOR IMPACTS AND RISKS
- Budget and scheduling constraints

Project Manager: Dennis Crawford
dennis.crawford@fm.utah.edu
# Fort Douglas Building 660A
## Porch Restoration

### Scope
- Stabilize two story North Porch to original elevation
- Structural Upgrades to Porch structure and foundation

### Budget
- Total Costs: $51,020

### Schedule
- Design Development: Jan 2014
- Construction: April 2014 - Mar 2014
- Substantial Completion: Jun 2014

### Major Impacts and Risks
- Budget

---

Project Manager: Dennis Crawford
dennis.crawford@fm.utah.edu
# Water Heater Replacements

## Genetics 533 Phase II

### Scope

- Direct replacement of all heating water lines and clean VAV coils.
- Project Area: Floors 1, 2, 3, 5, 6, 7

### Budget

- Total Costs: $930,000

### Schedule

- Construction Documents: Mar 2013
- Construction: Jul 2013 – Feb 2014
- Substantial Completion: Feb 2014

### Major Impacts and Risks

- Heating shutdowns during the heating season
- Working around the department lab equipment
- Budget

---

Project Manager: Dennis Crawford
dennis.crawford@fm.utah.edu
Projects

*20192 UUSOD-Dental Education Bldg.
*20210 Ambulatory Care Complex
*21256 SMBB Nanofab Tool Install
*21359 University of Utah Health Care Medical Services Building
21509 EIHG-Miscellaneous Mechanical Replacements
21510 Eccles Mechanical Room Clean Up & Chilled Water Renovation
21511 EIHG Water Treatment Upgrades
21554 ECO-TPM-Flat Plate Design & Service with Control Sequencing
21556 CRCC-Christensen Center Retro-Commissioning
21559 Moran-Utah Lions Eye Bank Space Reconfiguration
21597 HPEB-ADA Accessibility
21599 Mid-Valley Health Plans Bldg. 4 Suites 105, 120
21612 TPM-DDC Controls Upgrade

* Please see slides below for more detail
## UUSOD Dental Education Building

### Scope

Provide a new University Dental Education Building with community clinics inclusive of a parking structure

### BUDGET

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>$26,185,122</td>
</tr>
<tr>
<td>Soft Costs:</td>
<td>$10,209,928</td>
</tr>
<tr>
<td>Total Costs:</td>
<td>$36,395,050</td>
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</table>

### SCHEDULE

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>July 2013</td>
</tr>
<tr>
<td>Substantial Completion:</td>
<td>December 2014</td>
</tr>
</tbody>
</table>

### MAJOR IMPACTS AND RISKS

- Parking at professional services building
- Red Butte Creek protection
- Access to orthopedic building
- Staging and site access off Wakara Way

---

Project Manager: Clint Bunnell  
clint.bunnell@fm.utah.edu
Provide PCMC with a same day clinic to service patients. Parking structure to service PCMC and University

<table>
<thead>
<tr>
<th>Scope</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>$34,409,505</td>
<td>Construction: April 2012</td>
</tr>
<tr>
<td>Soft Costs:</td>
<td>$5,362,522</td>
<td>Substantial Completion: August 2014</td>
</tr>
<tr>
<td>Total Costs:</td>
<td>$39,772,027</td>
<td></td>
</tr>
</tbody>
</table>

Major Impacts and Risks:
- Finish landscaping and site work
- Bent plate failure in parking structure

Project Manager: Clint Bunnell
clint.bunnell@fm.utah.edu
## Scope

Provide infrastructure tie-in for the installation of Nano process tools.

## BUDGET

<table>
<thead>
<tr>
<th>Construction:</th>
<th>Soft Costs:</th>
<th>Total Costs:</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,061,498</td>
<td>$360,007</td>
<td>$1,421,505</td>
</tr>
</tbody>
</table>

## SCHEDULE

<table>
<thead>
<tr>
<th>Construction:</th>
<th>Substantial Completion:</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 2014</td>
<td>June 2014</td>
</tr>
</tbody>
</table>

## MAJOR IMPACTS AND RISKS

- Working in occupied space
- Working with active systems containing hazardous chemicals

Project Manager: Clint Bunnell  
clint.bunnell@fm.utah.edu
## Mid-Valley Health Center

<table>
<thead>
<tr>
<th>Scope</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>The new University of Utah Health Care Medical Services Building will include Central Services, Dermatology, OB/GYN, Obstetrics, Pharmacy, and Ophthalmology Departments.</td>
<td><strong>Construction:</strong> $</td>
<td><strong>Construction:</strong> October 2013</td>
</tr>
<tr>
<td></td>
<td><strong>Soft Costs:</strong> $</td>
<td><strong>Substantial Completion:</strong> February 2015</td>
</tr>
<tr>
<td></td>
<td><strong>Total Costs:</strong> $29,132,525</td>
<td></td>
</tr>
</tbody>
</table>

### MAJOR IMPACTS AND RISKS
- Minimal risk – Budget and Schedule

Project Manager: Clint Bunnell  
clint.bunnell@fm.utah.edu
TPM – Spot Cooling Upgrade & De-aerator Replacement

### Scope
Replace steam de-aerator which is inefficient and extend chilled water to processed chilled water on the air cooled chiller unit on the roof.

### Budget
- Construction: $165,014
- Soft Costs: $46,151
- Total Costs: $211,165

### Schedule
- Construction: March 2014
- Substantial Completion: August 2014

### Major Impacts and Risks
- Multiple shutdowns
- Building functionality and sequence verification
- Lead time for de-aerator

Project Manager: Clint Bunnell  clint.bunnell@fm.utah.edu
TPM – Mechanical Room Clean Up & Chilled Water Renovation

Scope

Old absorption unit has hazardous lithium bromide that has been abandoned and needs to be removed. Re-pipe chilled water to make it more efficient.

BUDGET

Construction: $180,000
Soft Costs: $19,470
Total Costs: $199,470

SCHEDULE

Construction: July 2013
Substantial Completion: July 2014

MAJOR IMPACTS AND RISKS

• Lithium bromide removal and disposal
• Building functionality during shutdowns
• Occupant disruptions

Project Manager: Clint Bunnell
clint.bunnell@fm.utah.edu
Poor water treatment programs have deteriorated piping, valves, pumps, and other equipment over time causing premature replacement.

**Scope**

- Construction: $70,000
- Soft Costs: $8,105
- Total Costs: $78,105

**Budget**

**Schedule**

- Construction: April 2013
- Substantial Completion: March 2014

**MAJOR IMPACTS AND RISKS**

- Multiple shutdowns to both chilled and heating water lines
- Building functionality of multiple buildings (533,570,575)

Project Manager: Clint Bunnell  
clint.bunnell@fm.utah.edu
TPM – Flat Plate Design & Service with Control Sequencing

<table>
<thead>
<tr>
<th>Scope</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upsize the current Flat Plate HX and revise overall sequence of operations.</td>
<td>Construction: $250,000</td>
<td>Construction: May 2013</td>
</tr>
<tr>
<td></td>
<td>Soft Costs: $78,775</td>
<td>Substantial Completion: June 2014</td>
</tr>
<tr>
<td></td>
<td>Total Costs: $328,775</td>
<td></td>
</tr>
</tbody>
</table>

**MAJOR IMPACTS AND RISKS**

- Buildings serviced by this plant
- Building functionality

Project Manager: Clint Bunnell  
clint.bunnell@fm.utah.edu
# CRCC Retro Commissioning

## Scope

Provide a full energy audit of the building equipment and systems.

## BUDGET

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>Under $15,000</td>
</tr>
<tr>
<td>Soft Costs</td>
<td>$23,053</td>
</tr>
<tr>
<td>Total Costs</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

## SCHEDULE

- **Construction:** December 2013
- **Substantial Completion:**

## MAJOR IMPACTS AND RISKS

- Work planning holds construction contracts
- Seeking energy savings

---

Project Manager: Clint Bunnell  
clint.bunnell@fm.utah.edu
### Scope
Relocate the current Utah Lions Eye Bank from the Moran Eye Center to Mid-Valley

### BUDGET
- **Construction:** $1,084,275
- **Soft Costs:** $531,625
- **Total Costs:** $1,615,900

### SCHEDULE
- **Construction:** July 2014
- **Substantial Completion:** October 2014

### MAJOR IMPACTS AND RISKS
- Scope currently exceeds budget
- Timing

---

**Project Manager:** Clint Bunnell
clint.bunnell@fm.utah.edu
**Dumke ADA Accessibility**

**Scope**

Provide ADA accessibility to the building & public transit pull out.

**BUDGET**

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>$180,000</td>
</tr>
<tr>
<td>Soft Costs</td>
<td>$68,670</td>
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<tr>
<td>Total Costs</td>
<td>$248,670</td>
</tr>
</tbody>
</table>

**SCHEDULE**

- Construction: June 2014
- Substantial Completion: August 2014

**MAJOR IMPACTS AND RISKS**

- Schedule. There is a dire need for accessibility
- Impacts to traffic

Project Manager: Clint Bunnell  
clint.bunnell@fm.utah.edu
## Mid-Valley Health Plans

### Scope

Remodel existing space for clinical office space.

### BUDGET

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>$510,000</td>
</tr>
<tr>
<td>Soft Costs</td>
<td>$305,475</td>
</tr>
<tr>
<td>Total Costs</td>
<td>$815,475</td>
</tr>
</tbody>
</table>

### SCHEDULE

- **Construction:** May 2014
- **Substantial Completion:** July 2014

### MAJOR IMPACTS AND RISKS

- Occupied building
- Getting right contractor

---

Project Manager: Clint Bunnell  
clint.bunnell@fm.utah.edu
## Skaggs Controls Upgrade

### Scope

Upgrade current mechanical systems controls to create greater efficiency.

### BUDGET

- **Construction:** $200,000
- **Soft Costs:** $41,400
- **Total Costs:** $241,400

### SCHEDULE

- **Construction:** June 2014
- **Substantial Completion:** July 2014

### MAJOR IMPACTS AND RISKS

- Properly identifying necessary control changes, implementing, and functionality testing
- Seeking higher equipment efficiency

---

Project Manager: Clint Bunnell  
clint.bunnell@fm.utah.edu
Nano Tool Install Phase #7

<table>
<thead>
<tr>
<th>Scope</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
</table>
| Provide infrastructure tie-in for the installation of Nano process tools. | Construction: $400,000  
Soft Costs: $160,850  
Total Costs: $560,850 | Construction: July 2014  
Substantial Completion: December 2014 |

**MAJOR IMPACTS AND RISKS**

- Completing construction documents in a timely fashion
- Working in an occupied space with active hazardous chemicals

Project Manager: Clint Bunnell  
clint.bunnell@fm.utah.edu
# Nano Microscopy Temp. Control

## Scope
Upgrade room 2159 with a temperature control system.

## BUDGET

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>$17,614</td>
</tr>
<tr>
<td>Soft Costs:</td>
<td>$4,099</td>
</tr>
<tr>
<td>Total Costs:</td>
<td>$12,713</td>
</tr>
</tbody>
</table>

## SCHEDULE

- Construction: April 2014
- Substantial Completion: May 2014

## MAJOR IMPACTS AND RISKS

- Construction impacts to occupied space
- Equipment/Microscope protection

---

Project Manager: Clint Bunnell  
clint.bunnell@fm.utah.edu
Projects

*21540 Chipeta Way Sidewalk
21131 RBG- Conservation Garden
*21132 Orange RGB Accessible Pathway Below Orangerie
*21279 Sill Center Remodel-Expansion
*21352 ADA Sidewalk Improvements
*21353 RGB Topography Survey Services
21354 Connor Road Sidewalk
21387 PX Military Science Remodel
*21480 RBG Rose Cottage Service Parking
21481 RBG Cottam Visitor Center Parking Lot Lighting
21482 RBG Rose Cottage Reception Center Site Lighting
*21507 Bicycle rack installations
*21518 Sidewalk and Bike Path Improvements
*21522 Red Butte Canyon Area Design
21570 CVC-Red Butte Gardens Generator Study
21587 HEB-Classroom and Auditorium Remodel

* Please see slides below for more detail
Scope:
Install a crosswalk across Chipeta Way to the Williams Building

Budget:
- Construction: $6,000
- Soft Costs: $2,674
- Total Costs: $8,674

Schedule:
- Construction: Spring 2014
- Substantial Completion: Spring 2014

Major Impacts and Risks:
- Noise,
- Disruption to sidewalks and roads

Project Manager: Brett Petersen
brett.petersen@fm.utah.edu
Red Butte Garden Rose Cottage
Service Parking

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide new service parking spaces to</td>
<td>Construction: $90,000</td>
<td>Construction: Unknown</td>
</tr>
<tr>
<td>support the facility</td>
<td>Soft Costs: $14,000</td>
<td>Substantial Completion: Unknown</td>
</tr>
<tr>
<td></td>
<td>Total Costs: $104,000</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**MAJOR IMPACTS AND RISKS**

- Noise,
- Disruption to sidewalks and roads
- Disturbance to building tenants
- Scheduling work around Red Butte events

Project Manager: Brett Petersen
brett.petersen@fm.utah.edu
**SCOPE**

Install an ADA compliant path on the southeast corner of the Student Services Building.

**BUDGET**

- Construction: $132,505
- Soft Costs: $27,841
- Total Costs: $160,346

**SCHEDULE**

- Construction: Spring 2014
- Substantial Completion: Summer 2014

**MAJOR IMPACTS AND RISKS**

- Noise,
- Disruption to sidewalks and roads
- Disturbance to building tenants

**Project Manager:** Brett Petersen  
**brett.petersen@fm.utah.edu**
**ADA Sidewalk Improvements**

**SCOPE**

- Renovate and construct additional space for additional departments

**BUDGET**

- Construction: $993,573
- Soft Costs: $187,564
- Total Costs: $1,181,137

**SCHEDULE**

- Construction: March 2014
- Substantial Completion: August 2014

**MAJOR IMPACTS AND RISKS**

- Noise,
- Disruption to sidewalks and roads
- Disturbance to building tenants

Project Manager: Brett Petersen  
brett.petersen@fm.utah.edu
# Red Butte Garden
## Pathway Below Orangerie

### SCOPE

> Create a pathway from the Orangerie to the Rose Cottage

### BUDGET

- **Construction:** Unknown
- **Soft Costs:** $187,564
- **Total Costs:** Unknown

### SCHEDULE

- **Construction:** Unknown
- **Substantial Completion:** Unknown

### MAJOR IMPACTS AND RISKS

- Noise,
- Disruption to sidewalks and roads
- Disturbance to building tenants
- Scheduling around Red Butte Garden Events

---

**Project Manager:** Brett Petersen  
[brett.petersen@fm.utah.edu]
# Red Butte Garden
## Topography Survey Services

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey various sections of Red Butte Gardens to align information with campus survey information</td>
<td>Soft Costs: $8,650</td>
<td>Survey: Aug 2012 – Apr 2014</td>
</tr>
<tr>
<td></td>
<td>Total Costs: $8,650</td>
<td>Substantial Completion: Apr 2014</td>
</tr>
</tbody>
</table>

**Project Manager:** Brett Petersen  
*brett.petersen@fm.utah.edu*
## Sidewalk and Bike Path Improvements

### SCOPE

Construct ADA compliant ramps North of the Law Building and between OSH and the Union

### BUDGET

<table>
<thead>
<tr>
<th>Construction:</th>
<th>Unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft Costs:</td>
<td>Unknown</td>
</tr>
<tr>
<td>Total Costs:</td>
<td>$460,872</td>
</tr>
</tbody>
</table>

### SCHEDULE

<table>
<thead>
<tr>
<th>Construction:</th>
<th>Spring 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Substantial Completion:</td>
<td>Summer 2014</td>
</tr>
</tbody>
</table>

### MAJOR IMPACTS AND RISKS

- Noise
- Disruption to sidewalks and roads
- Weather

---

**Project Manager:** Brett Petersen  
brett.petersen@fm.utah.edu
### Bicycle Rack Installations

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Install bike racks at various locations on campus</td>
<td>Construction: $20,000</td>
<td>Construction: Start Spring 2014</td>
</tr>
<tr>
<td></td>
<td>Total Costs: $20,000</td>
<td>Substantial Completion: Summer 2014</td>
</tr>
</tbody>
</table>

#### MAJOR IMPACTS AND RISKS
- Noise
- Budget
- Weather

Project Manager: Brett Petersen
brett.petersen@fm.utah.edu
Red Butte Garden
Canyon Area

SCOPE

Design and construct a five acre garden east of the amphitheater

BUDGET

Construction: $7,945,468
Soft Costs: $4,649,763
Total Costs: $12,595,231

SCHEDULE

Construction: Unknown
Substantial Completion: Unknown

MAJOR IMPACTS AND RISKS

- Noise
- Access to the site
- Scheduling around Red Butte Garden Events

Project Manager: Brett Petersen  brett.petersen@fm.utah.edu
Projects

* 21405 Huntsman Phase IV
* 21502 UUHC In Fill Project
* 21377 SOM 521 Study & HSC Master Plan Update
* Medical Education Building
* 21378 Security Camera Master Plan
* 21501 SOM-A Telemed_Telehealth_Echo New Space
* 70005 U Hosp-OR Cart Lift Elevator

* Please see slides below for more detail
Huntsman
Phase IV

SCOPE

220,000 sf Research Facility (No Patient Care)

BUDGET

Total Costs: $100,000,000

SCHEDULE

Construction Completion: 2017

CURRENT ACTIVITIES

- Schematic Design

Project Manager: Curtis Leetham

curtis.leetham@fm.utah.edu
Infill Courtyard at University Hospital 3 levels at 2,000sf (+) each

**SCOPE**

**BUDGET**

Total Costs: $1,600,000

**SCHEDULE**

Schedule: TBD

**CURRENT ACTIVITIES**

- Schematic Design

Project Manager: Curtis Leetham  
curtis.leetham@fm.utah.edu
## SOM 521 Study And HSC Master Plan Update

### SCOPE
Facility Study to understand how to decant the current School of Medicine and plan for future development on the Health Sciences Campus

### BUDGET
Total Costs: $650,000

### SCHEDULE
Schedule: Jan 2014

### CURRENT ACTIVITIES
- Administrative Review
- BOT Preparation

---

**HSC, 8 Year Campus Plan**

**Project Manager:** Curtis Leetham  
[curtis.leetham@fm.utah.edu](mailto:curtis.leetham@fm.utah.edu)
### Medical Education Building

**SCOPE**

Facility Study to understand how to decant the current School of Medicine and plan for future development on the Health Sciences Campus

<table>
<thead>
<tr>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Costs: $250,000</td>
<td>Schedule: TBD</td>
</tr>
</tbody>
</table>

### CURRENT ACTIVITIES

- Pre-programming
- Funding Strategy

---

**Project Manager:** Curtis Leetham  
[curtis.leetham@fm.utah.edu](mailto:curtis.leetham@fm.utah.edu)
Security Camera Master Plan

SCOPE

Define a standard for security cameras and their implementation across the campus

BUDGET

Total Costs: $76,400 (Phase I)

SCHEDULE

Schedule: October 2014

CURRENT ACTIVITIES

- Phase I: Defining parameters of study

Project Manager: Curtis Leetham
curtis.leetham@fm.utah.edu
Projects

* 21119 Red Butte Garden Chevron Oil Spill Cleanup
* 21309 Hospital Emergency Department Expansion Phase I Level I
* 21502 U Hosp-University Hospital Infill
* 21544 UUNI-Upgrade Public Toilet Rooms
* 21574 Remodel Space for Dialysis
* 70008 University Hospital Elevator Fire Curtains

* Please see slides below for more detail
## Red Butte Garden
### Chevron Restoration Phase II

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>To complete the Red Butte Gardens Amphitheater Entry area required by</td>
<td>Construction: $1,175,229</td>
<td>Construction: March 2014</td>
</tr>
<tr>
<td>Chevron Oil Removal and Removal of the existing valve box area. This</td>
<td>Soft Costs: $274,093</td>
<td>Substantial Completion: May 2014</td>
</tr>
<tr>
<td>phase focuses on the additional site available to the University by</td>
<td>Total Costs: $1,449,322</td>
<td></td>
</tr>
<tr>
<td>the relocation of the Chevron Valves</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MAJOR IMPACTS AND RISKS

- Coordinating work around Red Butte Garden Concert series schedule.
- Coordinating work and costs between University of Utah, Red Butte Gardens and Chevron.

Project Manager: Harry Corsi
harry.corsi@fm.utah.edu
# Hospital Emergency Department Expansion

## SCOPE

Upgrade and expand existing Emergency Department located on the 1st level of the ECCP Hospital. Also allow the Hospital to better treat the Emergency patients in a safer and more private setting. Current patient loads exceed the number of beds in the Unit.

## BUDGET

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>$1,500,000</td>
</tr>
<tr>
<td>Soft Costs</td>
<td>$83,876</td>
</tr>
<tr>
<td>Total Costs</td>
<td>$1,583,876</td>
</tr>
</tbody>
</table>

## SCHEDULE

- **Construction:** August 2013
- **Substantial Completion:** July 2014

## MAJOR IMPACTS AND RISKS

- Protecting and minimizing disturbance to building tenants and operations.
- Coordinating between Hospital F&E and Contractor.
- Maintaining Emergency Department operation during all phases of the expansion.

---

Project Manager: Harry Corsi  
[honeynut@fm.utah.edu]
### SCOPE

Renovation of existing public toilet facilities throughout the facility to provide updated finishes to match the new building upgrades.

### BUDGET

<table>
<thead>
<tr>
<th>Component</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>$140,000</td>
</tr>
<tr>
<td>Soft Costs</td>
<td>$25,000</td>
</tr>
<tr>
<td>Total Costs</td>
<td>$165,000</td>
</tr>
</tbody>
</table>

### SCHEDULE

- **Construction:** October 2013
- **Substantial Completion:** August 2014

### MAJOR IMPACTS AND RISKS

- Protecting and minimizing disturbance to building tenants and operations.
- Project is being constructed by University Hospital Facilities Department

---

Project Manager: Harry Corsi

harry.corsi@fm.utah.edu
### SCOPE

Renovation of 423 Wakara Building in Research Park to function as Dialysis Clinic (relocation from Dumke Building at Medical Center).

### BUDGET

- **Construction:** $1,017,214
- **Soft Costs:** $499,031
- **Total Costs:** $1,516,244

### SCHEDULE

- **Construction:** October 2013
- **Substantial Completion:** December 2014

### MAJOR IMPACTS AND RISKS

- Protecting and minimizing disturbance to building tenants and operations.
- Relocation of existing tenant to occur prior to overall construction.

---

**Project Manager:** Harry Corsi  
**harry.corsi@fm.utah.edu**
# University Hospital
## Elevator Fire Curtains

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
</table>
| Furnish and Install Smoke Guard Model 400 Units at Elevator Doors in 522 and 529. | Construction: $150,000  
Soft Costs: $12,000  
Total Costs: $162,000 | Construction: July 2014  
Substantial Completion: October 2014 |

### MAJOR IMPACTS AND RISKS
- Protecting and minimizing disturbance to building tenants and operations.
- Relocation of existing tenant to occur prior to overall construction.
20197 Football Center
21108 RWMF-Barrel Exhaust
21122 Seigmillar Synergy Center
21125 Remodel Yamaguchi Lab 3 Floor NW
21134 -Sball-Women's Softball Field Relocate
*21136 Athletics Outdoor Tennis Complex
21179 Sball-Women's Softball Stadium
21342 MCD-Replace Ballet Floors
21344 JHC-Band Seating
21398 JHC-Crimson Club Display Remodel
*21400 Union-Reroof
21465 Basketball Training Center
21533 Huntsman Center Arena - Phase 1 Remodel and Upgrade
21572 SOM-School of Medicine Roof Membrane
21595 Tennis Center Outdoor Courts

* Please see slides below for more detail
Provide 6 outdoor courts for Athletics with raised seating to meet the PAC 12 requirements as well as Tennis requirements to assist with team recruiting and training.

**BUDGET**

- Construction: $2,100,000
- Soft Costs: $400,000
- Total Costs: $2,500,000

**SCHEDULE**

- Construction: January 2014
- Substantial Completion: November 2014

**MAJOR IMPACTS AND RISKS**

- Protecting and minimizing disturbance to building tenants and operations.
- Traffic and parking

Project Manager: Desslie Andreason
desslie.andreason@fm.utah.edu
# Union Building Roof Replacement

## SCOPE
Replace the 20 year old failing and leaking roof. As well to add insulation and white membrane to the roof.

## BUDGET
- Construction: $390,000
- Soft Costs: $120,000
- Total Costs: $510,000

## SCHEDULE
- Construction: April 2014
- Substantial Completion: August 2014

## MAJOR IMPACTS AND RISKS
- Protecting and minimizing disturbance to building tenants and operations.
- Traffic and parking

Project Manager: Desslie Andreason
desslie.andreason@fm.utah.edu
Projects

*20232 Kennecott Building Seismic Upgrade & Renovation Phase 2
21493 Kenn B-Kennecott Connecting Element
*21505 BUC-3rd Floor Remodel for Ethnic Studies
*21535 MEB-5 Offices 3220-3228
21555 Kenn B-Abatement & Demo at East and North Wings

* Please see slides below for more detail
### Kennecott Building
**Phase 2 Expansion & Renovation**

<table>
<thead>
<tr>
<th><strong>SCOPE</strong></th>
<th><strong>BUDGET</strong></th>
<th><strong>SCHEDULE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Renovation and upgrade of east and north wings of building including significant additional space.</td>
<td>Construction: $9,700,000</td>
<td>Construction: February 2014</td>
</tr>
<tr>
<td></td>
<td>Soft Costs: $2,600,000</td>
<td>Substantial Completion: April 2015</td>
</tr>
<tr>
<td></td>
<td>Total Costs: $12,200,000</td>
<td></td>
</tr>
</tbody>
</table>

**MAJOR IMPACTS AND RISKS**

- Intermittent partial road closures, rerouting and disrupting regular vehicular flow around building.
- Noise, dust, heavy equipment
- Protecting and minimizing disturbance to building and tenants in completed Phase 1 areas, bus stop and pedestrians.
- Hazardous materials.
- Soil conditions for micropiles, shoring.
- Identifying and relocation utilities SLC water pressure issue.

Project Manager: Liz Blackner  
liz.blackner@fm.utah.edu
BuC 3rd Floor Remodel
Ethnic Studies

Program, design and remodel 308 A-E, 307 & 311 for Ethnic Studies program use.

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Soft Costs: $167,634</td>
<td>Substantial Completion: May 2014</td>
</tr>
<tr>
<td></td>
<td>Total Costs: $440,775</td>
<td></td>
</tr>
</tbody>
</table>

Major Impacts and Risks:
- Noise, dust, vibration
- Protection of existing building and occupants
- Code upgrades
- Unknown conditions
- Existing HVAC issues
- Schedule control

Project Manager: Liz Blackner
liz.blackner@fm.utah.edu
MEB Offices 3220-3228 & Smoke Curtain Remodel

**SCOPE**

Demolish and gut existing space to create 5 faculty offices

**BUDGET**

- Construction: $237,000
- Soft Costs: $74,634
- Total Costs: $312,000

**SCHEDULE**

- Construction: February 2014
- Substantial Completion: May 2014

**MAJOR IMPACTS AND RISKS**

- Noise, dust
- Protection and minimizing disturbance to existing building tenants and operations
- Unknown conditions
- Tight interstitial space conditions requiring reroute

Project Manager: Liz Blackner  
liz.blackner@fm.utah.edu
Projects

21288 HNPTH-Staircase Enclosure at Lot 51
*21372 Eccles House ADA Ramp
*21414 USA South Village Balcony Repairs
*21432 OSH Remodel Rooms 151, 153, 155, & 157
*21475 -Eccles-EHSL Deep Dive Center
*21495 Park Winder Board Room & Lobby Remodel
*21500 -Park-307 Conference Room Remodel & Lighting
21536 -FD Fort Douglas Museum Park & Gazebo
21563 Elevator Renovation

* Please see slides below for more detail
# Eccles House ADA Access

## SCOPE

Provide ADA access to the Rosenblatt house.

## BUDGET

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>$28,682</td>
</tr>
<tr>
<td>Soft Costs:</td>
<td>$10,300</td>
</tr>
<tr>
<td>Total Costs:</td>
<td>$39,300</td>
</tr>
</tbody>
</table>

## SCHEDULE

<table>
<thead>
<tr>
<th>Item</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>February 2014</td>
</tr>
<tr>
<td>Substantial Completion:</td>
<td>April 2014</td>
</tr>
</tbody>
</table>

## MAJOR IMPACTS AND RISKS

- No impacts or risks foreseen

---

Project Manager: Rob Robinson  
rob.robinson@fm.utah.edu
USA South Village
Balcony Repairs

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repair the balconies on buildings 100B and 600D</td>
<td>Construction: $118,576</td>
<td>Construction: May 2014</td>
</tr>
<tr>
<td></td>
<td>Soft Costs: $50,818</td>
<td>Substantial Completion: July 2014</td>
</tr>
<tr>
<td></td>
<td>Total Costs: $169,394</td>
<td></td>
</tr>
</tbody>
</table>

**MAJOR IMPACTS AND RISKS**

- The tenants had to move out of the building substantial completion date is critical.

**Project Manager:** Rob Robinson

rob.robinson@fm.utah.edu
## SCOPE
Remodel rooms 151, 153, 155 and 157 to provide workstations for Grad Students and professors. Also added a family assisted restroom in 199G.

## BUDGET
- **Construction:** $197,966
- **Soft Costs:** $89,127
- **Total Costs:** $297,093

## SCHEDULE
- **Construction:** November 2013
- **Substantial Completion:** February 2014

## MAJOR IMPACTS AND RISKS
- Minimizing disturbance to existing building tenants and operations.
- Noise and smell

---

Project Manager: Rob Robinson
rob.robinson@fm.utah.edu
**SCOPE**

To create a space for flexible study and innovation center. There is also a procedural and skills simulation suite included in the remodel.

**BUDGET**

- Construction: $474,330
- Soft Costs: $203,155
- Total Costs: $677,185

**SCHEDULE**

- Construction: January 2014
- Substantial Completion: April 2014

**MAJOR IMPACTS AND RISKS**

- Minimizing disturbance to existing building tenants and operations.
- Noise

---

Project Manager: Rob Robinson  
rob.robinson@fm.utah.edu
## Park Building
### Winder Boardroom

**SCOPE**
- Remodel the Winder Boardroom in the Park Building

**BUDGET**
- Construction: $164,730
- Soft Costs: $70,598
- Total Costs: $235,328

**SCHEDULE**
- Construction: February 2014
- Substantial Completion: July 2014

---

**MAJOR IMPACTS AND RISKS**
- Minimizing disturbance to existing building tenants and operations.
- Noise

---

Project Manager: Rob Robinson  
rob.robinson@fm.utah.edu
Park Room 307 Conference Room Remodel and Lighting

SCOPE

Add a conference room in 307 and new LED Lighting.

BUDGET

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>$62,590</td>
</tr>
<tr>
<td>Soft Costs:</td>
<td>$26,824</td>
</tr>
<tr>
<td>Total Costs:</td>
<td>$89,414</td>
</tr>
</tbody>
</table>

SCHEDULE

<table>
<thead>
<tr>
<th>Item</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>August 2013</td>
</tr>
<tr>
<td>Substantial Completion:</td>
<td>January 2014</td>
</tr>
</tbody>
</table>

MAJOR IMPACTS AND RISKS

- Minimizing disturbance to existing building tenants and operations.
- Noise

Project Manager: Rob Robinson  rob.robinson@fm.utah.edu
Projects

* 21116 Ivor Thomas Lab Upgrades
* 21516 Marriott Library HVAC Control Upgrade
* 21224 HTW-Replace high-temperature water generator
21357 HTW-South chiller plant expansion
* 21419 Better Building Challenge Project
* 21519 Einar Nielsen Fieldhouse SW Chiller Plant
* 21159 Stadium, Law, & Eyering Chemistry Refrigerant Detector
* 21435 HEB-Eyring Chemistry northeast tower fume hood replacement phase 2
* 21486 HTW Generator 5 Replacement
21487 HEB standby power
* 21491 EMRL-Traffic lab HVAC upgrade
21539 ECP-East campus chilled water plant study
21553 HPR SE-HPER central chiller plant
21569 SFEBB-Server room HVAC improvements
21582 CAMP-Capital improvements funding associated with BBC

* Please see slides below for more detail
Ivor Thomas Laboratory
Reactor Research Project Support

SCOPE

Support a research project investigating an alternate method of smelting iron ore.

BUDGET

NA. Under an agreement with the Office of Sponsored Projects, the American Iron and Steel Institute will retain control of project funding.

SCHEDULE

Construction: October 2013
Substantial Completion: September 2014

MAJOR IMPACTS AND RISKS

• Buried utilities
• Gas storage quantities
• Management of unique project funding arrangement
• Explosives in adjacent building

Project Manager: Steve Laraway
stephen.laraway@fm.utah.edu
# Marriott Library HVAC Controls Upgrade

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace aging HVAC controls in the Marriott library. This project is the first phase of a two-phase project.</td>
<td>Construction: $525,000</td>
<td>Construction: March 2014</td>
</tr>
<tr>
<td>Soft Costs: $225,000</td>
<td>Soft Costs: $225,000</td>
<td>Substantial Completion: September 2014</td>
</tr>
<tr>
<td>Total Costs: $750,000</td>
<td>Total Costs: $750,000</td>
<td></td>
</tr>
</tbody>
</table>

**MAJOR IMPACTS AND RISKS**

- Disruption of library activities
- Periodic limited HVAC outages
- Interface conflicts with existing control systems

Project Manager: Steve Laraway  
stephen.laraway@fm.utah.edu
<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
</table>
| Replace the aging and undersized Eyring Chemistry central chiller plant with a new plant located in the east end of the Fieldhouse. | Construction: $7,748,040  
Soft Costs: $3,320,588  
Total Costs: $11,068,628  
Total cost to be expended over 3 phases | Construction: March 2013  
Substantial Completion: March 2016 |

MAJOR IMPACTS AND RISKS

- Buried utilities
- Coordination with future occupants of Fieldhouse
- Coordination of funding over three phases
- Coordination of construction over three phases
# Refrigerant Detector

## Scope

Install refrigerant detectors and upgrade refrigerant exhaust systems in the stadium, law library and Eyring Chemistry Building

## Budget

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>$28,500</td>
</tr>
<tr>
<td>Soft Costs:</td>
<td>$189,392</td>
</tr>
<tr>
<td>Total Costs:</td>
<td>$217,892</td>
</tr>
</tbody>
</table>

## Schedule

- **Construction:** May 2012
- **Substantial Completion:** February 2013

### Major Impacts and Risks

- Disruption of teaching and research
- Noise and dust
- Asbestos contamination

---

Project Manager: Steve Laraway  
stephen.laraway@fm.utah.edu
# High-Temp Water Plant Generator 5 Demolition & Abatement

## Scope
Demolish generator 5 and abate associated asbestos and lead-based paint

## Budget
<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>$928,062</td>
</tr>
<tr>
<td>Soft Costs</td>
<td>$761,223</td>
</tr>
<tr>
<td>Total Costs</td>
<td>$1,689,295</td>
</tr>
</tbody>
</table>

## Schedule
- Construction: March 2013
- Substantial Completion: February 2014

## Major Impacts and Risks
- Interference with operation of high-temperature water plant
- Unsafe conditions during demolition
- Loss of building utilities for extended periods
- Noise and dust
- Asbestos and lead contamination

Project Manager: Steve Laraway  
stephen.laraway@fm.utah.edu
Campus Southwest Quadrant
Better Buildings Project

SCOPE
Increase the energy efficiency of a group of buildings in the southwest quadrant of campus

BUDGET
Construction: $5,600,000
Soft Costs: $1,400,000
Total Costs: $7,000,000

SCHEDULE
Construction: March 2014
Substantial Completion: September 2014

MAJOR IMPACTS AND RISKS
- Hazardous materials contamination
- Disruption of teaching and research
- Noise and dust

Project Manager: Steve Laraway
stephen.laraway@fm.utah.edu
Eyring Chemistry Building
Fume Hood Upgrade Phase 2

SCOPE
Replace the remaining northeast tower fume hoods

BUDGET
Construction: $2,416,000
Soft Costs: $406,034
Total Costs: $2,822,102

SCHEDULE
Construction: March 2014
Substantial Completion: August 2014

MAJOR IMPACTS AND RISKS
- Loss of fume hood service in research labs for extended periods
- Loss of building utilities for extended periods
- Noise and dust
- Asbestos contamination

Project Manager: Steve Laraway
stephen.laraway@fm.utah.edu
<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
</table>
| Replace high-temperature water generator 5 in the HTW plant | Construction: $1,982,266  
Soft Costs: $130,188  
Total Costs: $2,112,454 | Construction: February 2014  
Substantial Completion: October 2014 |

**MAJOR IMPACTS AND RISKS**

- Interference with operation of high-temperature water plant
- Loss of building utilities for extended periods
- Noise and dust
- Asbestos and lead contamination

Project Manager: Steve Laraway  
stephen.laraway@fm.utah.edu
# Traffic Laboratory HVAC Upgrade

## Scope
- Improve temperature control (heating and cooling)
- Increase air circulation

## Budget
- Construction: $30,000
- Soft Costs: $13,545
- Total Costs: $43,545

## Schedule
- Construction: August 2013
- Substantial Completion: April 2014

## Major Impacts and Risks
- Delay of classwork and research in the Traffic Laboratory
- Loss of temperature control and air circulation in south end of 0061

Project Manager: Steve Laraway  
stephen.laraway@fm.utah.edu
*21217 South Campus Drive Traffic & Configuration Study
*21212 Stilwell Field Playfields Study

* Please see slides below for more detail
South Campus Drive
Traffic and Configuration Study

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traffic study to investigate viable changes that could be made to</td>
<td>Total Costs: $42,900</td>
<td>Study: Analysis has been</td>
</tr>
<tr>
<td>South Campus Drive to mitigate existing traffic backups that</td>
<td></td>
<td>complete.</td>
</tr>
<tr>
<td>currently occur and are expected to become worse as UTA increases</td>
<td></td>
<td></td>
</tr>
<tr>
<td>the number of trains to campus.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MAJOR IMPACTS AND RISKS

- None; the information in this study will be incorporated into the Parking and Transportation Master Plan that is currently underway.

Campus Planner: Eric Browning

eric.browning@fm.utah.edu

Campus Planner: Eric Browning

ERIC BROWNING

21217
Stilwell Field Playfields Study

SCOPE

(1) Explore the feasibility of converting the parade ground to intramural sports fields.
(2) Identify potential impacts this will have on the historic character of the site that will trigger a federal review of adverse effects.

BUDGET

Total Costs: $4,150

Study: Analysis has been complete.

SCHEDULE

MAJOR IMPACTS AND RISKS

- Three soccer fields will not fit.
- Grading to accommodate two soccer fields would require terracing and would adversely affect the historical integrity of the parade ground and the historic trees.
- Grading for one soccer field would have much less impact on the parade ground’s historical character and trees but would still require federal review of adverse effects.

Campus Planner: Eric Browning
eric.browning@fm.utah.edu
Projects

*21527 Shooting Range, Emergency Ops, and Campus Security Building
*21533 Huntsman Center Arena Phase 1 Remodel & Upgrade
21470 West Stadium Remodel and Infill
*21465 Basketball Training Center
*21339 Recreation Athletics Health Facilities Study
21287 UIT Office Space Feasibility Study Update
20229 Redwood and Greenwood Clinics Feasibility Study
20088 New Basketball Training Facility
20085 Clark Building Remodel Feasibility Study

* Please see slides below for more detail
<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combine the Utah State Rifle and Pistol Assn, Parking Services, Emergency Operations, Campus Security; into a new building</td>
<td>Study is Underway and Funded</td>
<td>To be determined</td>
</tr>
</tbody>
</table>

**Major Impacts and Risks**

- Three soccer fields will not fit.
- Grading to accommodate two soccer fields would require terracing and would adversely affect the historical integrity of the parade ground and the historic trees.
- Grading for one soccer field would have much less impact on the parade ground’s historical character and trees but would still require federal review of adverse effects.

Campus Planner: Mark Grabl

mark.grabl@fm.utah.edu
### Huntsman Center Arena
#### Phase 1 Upgrade and Remodel

<table>
<thead>
<tr>
<th><strong>SCOPE</strong></th>
<th><strong>BUDGET</strong></th>
<th><strong>SCHEDULE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Improvements in lighting, sound, ceiling rigging, exit doors, partition curtains, and additions to allow for concerts and lectures</td>
<td>Total Costs: $6,600,000</td>
<td>Construction: Spring 2014</td>
</tr>
</tbody>
</table>

### Major Impacts and Risks

- Disruption of teaching and research
- Noise and dust
- Asbestos contamination

Campus Planner: Mark Grabl  
mark.grabl@fm.utah.edu
Recreation Athletics College of Health Facilities Study RAH Master Facility Study

**SCOPE**

Improvements in lighting, sound, ceiling rigging, exit doors, partition curtains, and additions to allow for concerts and lectures

**BUDGET**

Total Costs: $6,600,000

**SCHEDULE**

Construction: Spring 2014

**MAJOR IMPACTS AND RISKS**

- Disruption of teaching and research
- Noise and dust
- Asbestos contamination

Campus Planner: Mark Grabl
mark.grabl@fm.utah.edu
## Basketball Training Center

### SCOPE

Provide a competitive men's and women's training and recruitment center appropriate to the PAC 12 Including:
- Olympic Sports Training Room,
- Equipment Room, and
- Weight Room

### BUDGET

| Total Costs:          | $26,924,887 |

### SCHEDULE

| Construction:        | Spring 2014 |

### MAJOR IMPACTS AND RISKS

- Noise and dust
- Asbestos contamination

Campus Planner: Mark Grabl
mark.grabl@fm.utah.edu
Projects

*21102 Student Life Center
21222 Social & Behavioral Science Elevator Replacement
21341 Shoreline Ridge-Outdoor Shade & Seating Structure with BBQ Grills
### SCOPE

Provide a new facility that will serve as the campus hub for fitness training, intramural sports, and outdoor recreation.

### BUDGET

- **Construction Costs:** $41,966,626
- **Soft Costs:** $8,960,265
- **Total Project Costs:** $51,926,891

### SCHEDULE

- **Construction:** August 2013
- **Substantial Completion:** November 2014

### MAJOR IMPACTS AND RISKS

- Parking, Pedestrian access to HPER
- Protecting and minimizing disturbance to students and KUED microwave beam
- Schedule critical related to student fees

**Campus Planner:** Michael Beck

michael.beck@fm.utah.edu
Projects

*20216 New S.J Quinney College of Law
*21394 New Business Loop Parking Structure
*21399 New Sutton Building Parking Structure
21472 Biol-Remodel Rooms 200c, 206, 209, 209D, 210
21489 Biol-Biology Lab Remodel
21545 Marriott Library-Rare Book Remodel
21546 Marriott Library-New Sculpture Garden
### New S.J Quinney College of Law

#### SCOPE
- New College of Law Building to replace the outdated & undersized existing buildings.

#### BUDGET
- Construction: $50.6 million
- Soft Costs: $13.4 million
- Total Costs: $64 million

#### SCHEDULE
- Construction: June 2013
- Substantial Completion: March 2015

#### MAJOR IMPACTS AND RISKS
- Parking lot work summer 2014
- Surrounding Departments

---

Project Manager: Rick Johansen  
rick.johansen@fm.utah.edu
Business Loop Parking Structure

**SCOPE**

- To replace the reduction of surface parking on campus. Commuter services wants to increase the efficiency of the lot they do have.

**BUDGET**

- Construction: $166,163
- Soft Costs: $71,262
- Total Costs: $237,425

**SCHEDULE**

- Project Bid: May 2014
- Substantial Completion: April 2015

**MAJOR IMPACTS AND RISKS**

- Utilities
- Access around the site
- Temporary parking locations
- Community impact
- New Electric Shuttle Route
- Other projects in the area

Project Manager: Rick Johansen  
rick.johansen@fm.utah.edu
Northwest Parking Structure

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
</table>
| • To replace the reduction of surface parking on campus. Commuter services wants to increase the efficiency of the lot they do have. | Construction: $77,000  
Soft Costs: $33,000  
Total Costs: $110,000 | Project Bid: July 2014  
Substantial Completion: June 2015 |

Project Manager: Rick Johansen  
rick.johansen@fm.utah.edu

MAJOR IMPACTS AND RISKS

• Utilities  
• Access around the site  
• Confined working area  
• Temporary Parking locations  
• Winter conditions  
• Community impacts  
• budgets
Projects

*21422 Ski Team Building
21454 USA Paint 14 Houses
*21497 Greenwood Radiology Remodel
21503 Redwood Clinic Expand Endo Suite
*21564 KUER Development Office Remodel
21586 MEB-ECE Student Center & Seminar Room Remodel
21596 EMRL-Mines Glovebox Exhaust
<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Replace Ski Team building that will be demolished for football field</td>
<td>Construction: $</td>
<td>Construction: April 2014</td>
</tr>
<tr>
<td></td>
<td>Soft Costs: $</td>
<td>Substantial Completion: November 2014</td>
</tr>
<tr>
<td></td>
<td>Total Costs: $800,000</td>
<td></td>
</tr>
</tbody>
</table>

MAJOR IMPACTS AND RISKS

• Obtaining funding & Access
# USA Paint 14 Houses

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
</table>
| • Repaint 14 houses | Construction: $56,927  
Soft Costs: $24,397  
Total Costs: $81,324 | Construction: May-August 2014  
Substantial Completion: August 2014 |

**MAJOR IMPACTS AND RISKS**

- Maintaining occupancy during construction

Project Manager: Bill Billingsly  
Bill.Billingsly@fm.utah.edu
Greenwood Clinic Radiology Remodel

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Relocate Mammography</td>
<td>Construction: $289,548</td>
<td>Construction: April 2014</td>
</tr>
<tr>
<td></td>
<td>Soft Costs: $124,092</td>
<td>Substantial Completion: November 2014</td>
</tr>
<tr>
<td></td>
<td>Total Costs: $413,640</td>
<td></td>
</tr>
</tbody>
</table>

MAJOR IMPACTS AND RISKS

- Maintaining occupancy during construction

Project Manager: Bill Billingsly
Bill.Billingsly@fm.utah.edu
### SCOPE

- Turn open office space into private offices & upgrade HVAC

### BUDGET

- **Construction:** $
- **Soft Costs:** $85,000
- **Total Costs:** $

### SCHEDULE

- **Construction:** January 2014
- **Substantial Completion:**

### MAJOR IMPACTS AND RISKS

- Maintaining occupancy during construction

---

Project Manager: Bill Billingsly  
Bill.Billingsly@fm.utah.edu
Projects

*21151 Broadcast Center Parking Lot
*21291 Central Campus Drive Shuttle Road
21397 Nursing Terrace Leak Identify & Repair
21408 Benchmarking & Huntsman Tunnel Study
*21416 South & West Parking Terrace Repairs
21446 West Village Repairs Lot 92 2013
*21530 Stadium Trax Station Bike Lockers & ADA
21532 Commuter Services Shuttle & Maintenance Offices
21541 President’s Circle Event Parking Plaza
Broadcast Center Parking Lot

SCOPE

• Design & Construction of a new parking lot on the East side of the Broadcast Center

BUDGET

Construction: $600,000
Soft Costs: $125,000
Total Costs: $725,000

SCHEDULE

Construction: Substantial Completion: TBD

MAJOR IMPACTS AND RISKS

• Noise & Dust
• Protecting & minimizing disturbance to building tenants & operations of the Broadcast Center
• Approval due to impact on green space

Project Manager: David Moyes
david.moyes@fm.utah.edu
Central Campus Shuttle Road

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
</table>
| • Address the need for a North/South interior campus shuttle lane. (This project has been funded by a grant) | Construction: $578,632  
Soft Costs: $144,658  
Total Costs: $723,290 | Construction:  
Substantial Completion: Fall 2014-Spring 2015 |

**MAJOR IMPACTS AND RISKS**

• Noise & Dust
• Protecting & minimizing disturbance to surrounding buildings

Project Manager: David Moyes  
david.moyes@fm.utah.edu
## South & West Parking Terrace Repairs

### SCOPE

- Address the concrete repairs to the South & West parking terraces in the Health Science Campus

### BUDGET

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>$222,531</td>
</tr>
<tr>
<td>Soft Costs</td>
<td>$25,620</td>
</tr>
<tr>
<td>Total Costs</td>
<td>$248,151</td>
</tr>
</tbody>
</table>

### SCHEDULE

- Construction: Substantial Completion: August 2014

### MAJOR IMPACTS AND RISKS

- Noise & Dust
- Protecting & minimizing disturbance to parking & reserved stall access.

Project Manager: David Moyes  
david.moyes@fm.utah.edu
# Stadium TRAX Station Bike Lockers & ADA Upgrades

<table>
<thead>
<tr>
<th>SCOPE</th>
<th>BUDGET</th>
<th>SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Relocate the Bike lockers at the Stadium TRAX station and improve the ADA access to South Campus Drive</td>
<td>Construction: $30,000</td>
<td>Construction: June 2014</td>
</tr>
<tr>
<td></td>
<td>UTA Costs: $30,000</td>
<td>Substantial Completion: August 2014</td>
</tr>
<tr>
<td></td>
<td>Total Costs: $60,000</td>
<td></td>
</tr>
</tbody>
</table>

## Major Impacts and Risks
- Noise & Dust
- Protecting & minimizing disturbance to access the campus from the TRAX station

**Project Manager:** David Moyes  
david.moyes@fm.utah.edu
# Guardsman Parking Lot Renovation

## SCOPE
- Renovate Guardsman Way Parking lot

## BUDGET
- **Construction:** $756,939
- **Soft Costs:** $143,061
- **Total Costs:** $900,000

## SCHEDULE
- **Construction:** June 2014
- **Substantial Completion:** August 2014

## MAJOR IMPACTS AND RISKS
- Noise & Dust
- Protecting & minimizing disturbance to access the campus
- Completion before fall semester 2014

Project Manager: David Moyes
david.moyes@fm.utah.edu
Projects

21051 Henry Eyring Thatcher Building
*21388 Lassonde Living & Learning Center
*21437 Crocker Science Center
**Crocker Science Center**

**SCOPE**
- Providing new space for the Science Programs.

**BUDGET**
- Construction: $41,699,969
- Soft Costs: $8,311,358
- Total Costs: $50,011,327

**SCHEDULE**
- Construction: Spring 2014
- Substantial Completion: Late 2016

**MAJOR IMPACTS AND RISKS**
- Noise & Dust
- Protecting & minimizing disturbance to access the campus

---

Project Manager: Jennifer Still  
jenennifer.still@fm.utah.edu
Lassonde Living and Learning Center

SCOPE

- Collaborative entrepreneurial living/innovation space that will facilitate new business ideas.

BUDGET

Preliminary Cost Estimate: $45,237,694

SCHEDULE

Construction: September 2014
Substantial Completion: Summer 2014

MAJOR IMPACTS AND RISKS

- Noise & Dust
- Protecting & minimizing disturbance to access the campus

Project Manager: Jennifer Still
jennifer.still@fm.utah.edu
21628 ADA Access Study
21602 Gre-Horticulture Compound Planning and Design
21580 Land Use Analysis Housing Master Plan Update
21579 Fort Douglas Master Plan Update Phase II
21537 Fort Douglas Feasibility Study
21451 Biol S-Green Infrastructure Research Facility
21415 Rosenblatt Homr Facility Plan
21412 Price UMFA Signs and Banner Displays
21411 Red Butte Creek Riparian Corridor
21384 University Student Apartments Redevelopment
21369 Beh S-Facility Assessment
21269 James Fletcher Building and South Physics Study
21046 ARCH CA+P Net Zero Facility Study