

# Wendy Williamson Auditorium Lighting Replacement



## Project Description:

Demolition and replacement of incandescent light fixtures to energy saving fluorescent and LED sources. Review of emergency backup generator associated with the lighting replacement and upgrade.

## Schedule:

Planning & Design: Nov 2009 - Oct 2010  
Advertising & Award: April 2011 – May 2011  
Construction: Nov. 2011—Jan 2012

## Total Project Cost:

\$620,000

## Board of Regents Approval & Motions:

Project Agreement February 24, 2010  
Prelim Administrative Approval: March 3, 2010  
Formal Project Approval: March 22, 2010  
Schematic Design Approval: March 25, 2011

## Status Update:

Construction Contract Bid opening is Thursday May 5, 2011. Construction is scheduled to begin in November 2011 to accommodate auditorium scheduling.

# UAA Science Building Renovation



## Project Description:

Phase 2 will renovate the remainder of the first floor and half of the second floor, providing new physics, Life Science and Math labs, and a major renewal of the mechanical systems. Phase 3 is under design and will complete the building renovation.

## Schedule:

Planning & Design:	Nov 2010 –Feb 2011
Advertising & Award:	March 2011
Construction:	May 2011 –April 2012
Warranty:	1 year after construction completion

## Phase 2

## Total Project Cost:

Ph I	\$2,645,600
Ph 2	\$5,100,000
Ph 3	<u>\$5,300,000</u>
TPC	\$13,045,600

## Board of Regents Approval & Motions:

Prelim Administrative Approval:	Nov 2008
Formal Project Approval:	April 2009
Schematic Design Approval:	(Ph I) Sep 2009
	(Ph 2) Sep 2010
	(Ph 3) Submitted at June 2011 BOR.meeting

## Status Update:

Phase 2 was awarded to Watterson Construction in March 2011. Work could not begin until classes were completed in Spring 2011. Contractor has begun demolition.

Phase 3 – Schematic Design is complete.



# UAA MAC Housing Fire System Upgrade

## Phase IV, Building 5



### **Project Description:**

Provide fire alarm, fire sprinkler system, and exhaust fans in Building 5. Buildings 1-4 are complete. Building 6 remains to be done in the future.

### **Schedule:**

Planning & Design:	Thru February 2011
Advertising & Award:	February 2011 – March 2011
Construction:	May 2011- August 2011
Warranty:	1 year after construction completion

### **Phase III, Building 5**

### **Total Project Cost:**

\$515,000

### **Board of Regents Approval & Motions:**

Formal Project Approval:	January 2008
Schematic Design Approval:	December 2010

### **Status Update:**

The project has been awarded to Orion Construction, and the construction period remains as the original schedule of May 2011 – August 2011.



# UAA Health Science Building



## Project Description

Design/ construct approximately 65,162 gross square foot facility to accommodate the academic programs of nursing, WWAMI/MEDEX and Allied Health. Project includes offices, classrooms/ seminar rooms, laboratories for patient simulators, Med Tech and gross anatomy spaces, and student activity spaces.

## Schedule:

Planning & Design: Dec 2007-Sept 2009  
Advertising & Award: Oct 2009 -Nov 2009  
Construction F&F: Aug 2009- Dec 2009  
Construction: Dec 2009-Aug 2011  
Warranty: 1 year after construction completion

## Total Project Cost:

\$46,500,000

## Board of Regents Approval & Motions:

Preliminary Administrative Approval: June 2008  
Schematic Design Approval: Feb 2009  
Total Project Cost Increase: N/A

## Status Update:

Exterior site work to start mid-May; parking lot completed fall 2010. Elevator operational for construction use; elevator cab interior installation in progress. Carpet and vinyl flooring being installed on 3<sup>rd</sup> floor. Casework being installed in 2<sup>nd</sup> floor labs. Ceiling grid/lights installation completed on 3<sup>rd</sup> floor; installation in progress on 1<sup>st</sup> and 2<sup>nd</sup> floors. Installation of glazing, curtain walls and exterior composite panels 98% complete. Boilers operational; boiler O & M training conducted April 27, 2011. As of April 2011, the overall project is 80% complete. Beneficial occupancy scheduled to begin July 2011.



# UAA Engineering Instructional Laboratory Building



## **Project Description:**

Planning, programming, design and construction of a 75,000 gsf engineering laboratory and teaching areas not currently available on campus. Teaching areas would include: communications labs, electrical engineering labs, fluids labs, heat and mass transfer labs, soils mechanics labs, photogrammetry/cartography/GIS, seismic and earthquake labs, foundation engineering, transportation and highway engineering, land surveying, machine shop, wood shop, “dirty” yard and conferencing/collaborative learning areas. The project will include structured parking for the facility and any displaced parking.

## **Schedule:**

Planning & Design: May 2011-June 2012  
Advertising & Award: July-August 2012  
Construction: September 2012-May 2014  
Warranty: 1 year after construction completion

## **Total Project Cost:**

\$75,000,000

## **Board of Regents Approval & Motions:**

Preliminary Admin Approval	Nov 2009
Formal Project Approval	Apr 2011 BOR authorized UAA to proceed with comprehensive planning, programming, concept design, and site evaluation and selection not to exceed a total cost of \$1,000,000.

## **Status Update:**

Requests for proposals for preliminary planning, programming, conceptual design and site evaluation/selection closed March 31, 2011. Selection of a consultant completed April 28, 2011; contract to be negotiated/awarded by mid-May. This will be a two-step process. The programming consultant is expected to continue with the design. Ira Fink will assist UAA by providing peer review of the programming phase of the project.





# Mat-Su College Paramedic/Nursing Lab Addition



## Project Description:

This is a GO Bond funded, approximately 6400 gsf addition to Snodgrass Hall on the Mat-Su campus. The addition will include new classrooms, offices, labs, workspaces and storage for the paramedic, nursing programs, and campus community.

## Schedule:

Planning & Design: February 2011-November 2011  
Advertising & Award: December 2011-January 2012  
Construction: April 2012 – December 2012  
Warranty: 1 year after construction completion

## Total Project Cost:

\$3,500,000

## Board of Regents Approval & Motions:

Prelim Administrative Approval: February 2009  
Formal Project Approval December 2010

## Status Update:

Request for proposals for design services advertised in January/February 2011. We received request for proposals from five design firms which led to the selection of Livingston Slone, Inc as the consultant for the project. Meetings have defined the preliminary scope of work and the consultants are proceeding with planning activities and concepts.



# Mat-Su HVAC & Boiler Replacement



## **Project Description:**

Provide a new rooftop mounted air handling unit and boilers for the Jalmar M. Kerttulla Building to replace 35 year old existing units.

## **Schedule:**

Planning & Design: January 2009 – July 2010  
Advertising & Award: Nov – Dec 2010  
Construction: April 2011 – Oct 2011  
Warranty: 1 year after construction completion

## **Total Project Cost:**

\$2,440,000

## **Board of Regents Approval & Motions:**

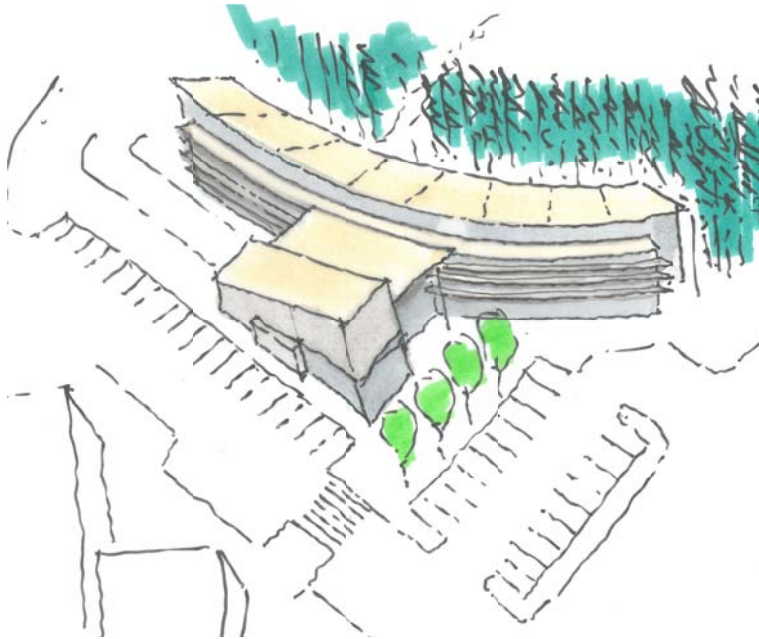
Prelim Administrative Approval: October 2009  
Formal Project Approval: April 2010  
Schematic Design Approval: May 18, 2010

## **Status Update:**

The project was bid on November 18, 2010. The low bidder was Goertz Construction. The contractor has ordered materials and began work once the spring semester was completed.



# UAA Kenai Campus Career & Technical Center



## Project Description

A new building for Process Technology, electronics and instrumentation programs, approximately 15,000 sf.

## Schedule:

Planning & Design: March – Nov 2011  
Advertising & Award: December 2011  
Construction: April 2012 – July 2013  
Warranty: 1 year after construction completion

## Total Project Cost:

\$14,500,00

## Board of Regents Approval & Motions:

Preliminary Administrative Approval: Feb 2011  
Formal Project Approval: February 18, 2011  
Schematic Design Approval: Plan to submit in September 2011  
Total Project Cost Increase: N/A

## Status Update:

McCool Carlson Green has been selected as the architect. We have met on the Kenai River campus with Faculty and Staff and are working on the design.





# UAA Kenai Campus Student Housing



## Project Description

Student housing at the Kenai River Campus for 90-100 students.

## Schedule:

Planning & Design: May – April 2012  
Advertising & Award: May – June 2012  
Construction: June 2012 – August 2013  
Warranty: 1 year after construction completion

## Total Project Cost:

\$16,000,000

## Board of Regents Approval & Motions:

Preliminary Administrative Approval: May 13, 2010  
Formal Project Approval: Pending  
Schematic Design Approval: Planned for September 2011  
Total Project Cost Increase: N/A

## Status Update:

Formal Project Approval will be requested at the June 2011 meeting. Preliminary Administrative Approval allowed the Request for Proposals for A-E services to be advertised on April 22, 2011. A-E selection is pending at the time of this writing.



# UAA KPC Soil Remediation



## **Project Description:**

This project is cleaning up a site off campus that was used for fire training in the 1980's and had significant amounts of diesel contamination at 14 feet below ground level.

## **Schedule:**

Planning & Design: Through January 2010  
Advertising & Award: February 2010- March 2010  
Construction: April 2010- Summer 2011

## **Total Project Cost:**

\$411,000

## **Board of Regents Approval & Motions:**

Prelim Administrative Approval	February 9, 2010
Formal Project Approval	February 17, 2010
Schematic Design Approval	February 17, 2010
Project Change Approved	\$36,000 on June 1, 2010

## **Status Update:**

In a meeting with the DEC in January, after reviewing the soil samples collected in October, no further excavation is required; also the monitoring wells may be de-commissioned.

We plan on having the contaminated soil that was excavated and spread last year to be tilled several times in the spring and then tested in July. We also plan on de-commissioning and removing the monitoring wells. The pit will remain open for another year or two for further bioremediation. The site is fenced and locked.

No change from last update.



# UAA Kachemak Bay Campus Classroom Building



## Project Description:

A new 7,433 sf building with 5 classrooms, 12 offices, learning resource and testing center at the East Campus to replace space now being leased. Work also includes a new detached 720sf storage shed.

## Schedule:

Planning & Design: June 2009- March 2010  
Advertising & Award: March 2010- May 2010  
Construction: June 2010- April 2011  
Warranty: 1 year after construction completion

## Total Project Cost:

\$3,345,000

## Board of Regents Approval & Motions:

Preliminary Admin Approval	May 2009
Formal Project Approval	June 2009
Schematic Design Approval	Nov 2009
Project Change Approval(s)	June 2010 / October 2010

## Status Update:

Furniture for the office wing arrived and was installed March 15 and the University immediately began the transitional move from lease space into the new facility. The general contractor is currently working on a small punch list and the University accepted the new KBC facility as beneficially complete on March 18<sup>th</sup>. Classes began in limited areas on Monday March 21 and the Open House will take place on Friday, May 13. Landscaping and a few miscellaneous exterior pieces of work are scheduled to begin when the weather allows (Spring/Summer 2011).



# PWSCC Wellness Center Renovation & Campus Renewal



## **Project Description:**

GO Bond funded general renovation of the existing Wellness Center and Campus Renewal. The work will include: ADA compliant locker/restrooms; new entrance and counter space; new flooring and finishes; new doors and hardware; lighting replacement and electrical upgrades; electronic entry system; ACM removal; replacement of galvanized water lines; IT upgrades; mechanical system upgrades; energy conservation controls; and exterior siding improvements.

## **Schedule:**

Planning & Design: February 2011-November 2011  
Advertising & Award: December 2011-January 2012  
Construction: April 2012 – December 2012  
Warranty: 1 year after construction completion

## **Total Project Cost:**

\$5,000,000

## **Board of Regents Approval & Motions:**

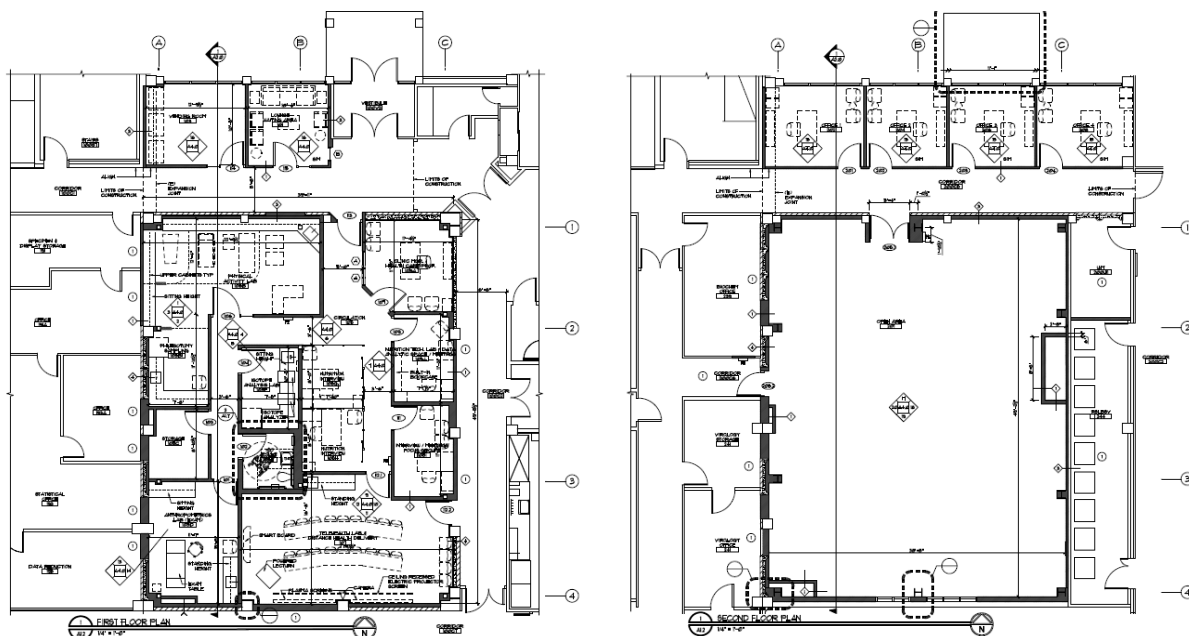
Prelim Administrative Approval: Feb 2009  
Formal Project Approval Dec 2010

## **Status Update:**

Request for proposals for design services advertised in January/February 2011. We received six design services proposals in response to the advertised request for proposals. Selection process resulted in a contract with Kumin Architects, Inc. The initial programming meeting has occurred and the team is working on planning and concepts.



# Arctic Health CANHR Health Clinic



## Project Description

This project will build about 3200 gsf of new space and renovate another 2800 gsf to support CANHR's Alaska Natives biomedical research. The facility will include a nutritional and physical assessment lab on the first floor and a shelled out space on the second floor which will be developed with future grants.

## Schedule:

Planning & Design: October 2009-April 2011

Advertising & Award: May 2011

Construction: June-December 2011

Architect/Engineer: Design Alaska, Inc.

General Contractor: TBD

## Total Project Cost:

\$3,657,000

## Funding Source:

NIH C06 Grant

## Board of Regents Approval & Motions:

Preliminary Project Approval March 31, 2010

Formal Project Approval April 16, 2010 (\$7,530,000 for both the Arctic Health and Kuskokwim CANHR Health Clinics-NIH CO6 Grant)

Schematic Design Approval November 5, 2010 (\$3.657M Arctic Health Clinic)

## Status Update:

The 95% Construction Documents have been sent to NIH for review. Bidding will be in May 2011.





# Kuskokwim Campus CANHR Health Clinic



## Project Description

This project will renovate and construct a new CANHR Health research facility within the existing Voc-Tech building, on the Kuskokwim Campus. The new space will be designed to accommodate Telehealth medicine (secure video conferencing) and distance education video conferencing. A future project, Kuskokwim Campus Gymnasium and Second Floor Renovation (KCGR), will be built above the clinic, and is currently in design phase.

## Schedule:

Planning & Design: June 2010 to March 2011

Advertising & Award: May 2011

Construction: July 2011 - February 2012

Architect/Engineer: Livingston Slone, Inc.

General Contractor: TBD

## Total Project Cost:

\$3,800,000

## Funding Source:

NIH C06 Grant

## Board of Regents Approval & Motions:

Preliminary Project Approval March 31, 2010

Formal Project Approval April 16, 2010 (\$7,530,000 for both the Arctic Health and Kuskokwim CANHR Health Clinics-NIH C06 Grant)

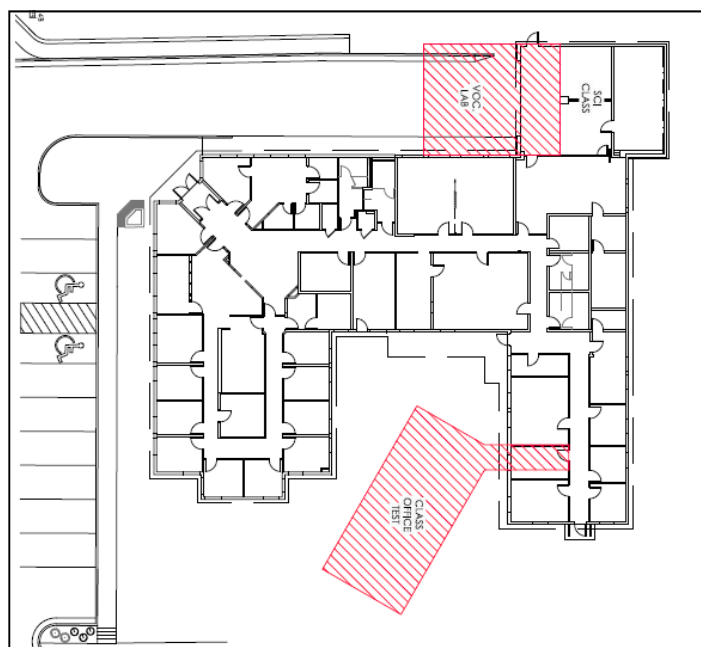
Schematic Design Approval November 5, 2010 (\$3.8M Kuskokwim Campus Clinic)

## Status Update:

The 95% Construction Documents have been sent to NIH for review. Bidding will be in May 2011.



# Bristol Bay Science Lab and Clinical Space



## Project Description

This project will increase science laboratory and research space by 780 square feet, increase student study and testing areas by three rooms, and increase distance education training space and classroom space by 640 square feet. This project and grant will also provide pre-planning documents for additional clinical and laboratory space for high-demand areas (i.e., Allied Health/Nursing program).

## Schedule:

Planning & Design: February-June 2011  
Advertising & Award: July 2011  
Construction: August 2011-September 2012

## Total Project Cost:

\$1,985,000

## Funding Source:

USDE Title III Grant

**Architect/Engineer:** McCool Carlson Green

**General Contractor:** TBD

## Board of Regents Approval & Motions:

Preliminary Project Approval December 13, 2010  
Formal Project Approval February 14, 2011  
Schematic Design Approval TBD

## Status Update:

The consultant submitted Concept Drawings for review on April 8, 2011. They are proceeding to work on the 35% Schematic Design and cost estimate.



# Chukchi Flight Simulator Room and Classroom



## Project Description

The renovation and expansion plan will create a new flight simulator room and modify the adjacent classroom to accommodate the flight simulator computer lab. Additionally, a battery storage room will be included in this project. This renovation will reduce the size of the back classroom and create a hallway that leads to the flight simulator area.

## Schedule:

Planning & Design: February-June 2011  
Advertising & Award: July 2011  
Construction: August 2011-September 2012

## Total Project Cost:

\$1,804,960

## Funding Source:

USDE Title III Grant

**Architect/Engineer:** Nvsion Architecture

**General Contractor:** TBD

## Board of Regents Approval & Motions:

Preliminary Project Approval December 13, 2010  
Formal Project Approval February 14, 2011  
Schematic Design Approval TBD

## Status Update:

The consultant submitted Concept Drawings and a Narrative for review on April 7, 2011. They are proceeding to work on the 35% Schematic Design and cost estimate.



# Kuskokwim Campus Gymnasium and Second Floor Renovation



## Project Description

This project will build a gymnasium in a portion of the open floor area of the Voc Ed building. Testing and distance education modules and new faculty offices will be built above the Kuskokwim Campus CANHR Health Clinic (KCHC) after it is completed. The KCHC project is currently in design phase.

## Schedule:

Planning & Design: February-June 2011  
Advertising & Award: July 2011  
Construction: December 2011-September 2012

## Total Project Cost:

\$1,928,500

## Funding Source:

USDE Title III Grant

**Architect/Engineer:** Livingston Slone, Inc.

**General Contractor:** TBD

## Board of Regents Approval & Motions:

Preliminary Project Approval December 13, 2010  
Formal Project Approval February 14, 2011  
Schematic Design Approval TBD

## Status Update:

The 95% Construction Documents were submitted at the end of April 2011. The 100% bid set is due the second week of May 2011.





# NW Campus Nagozruk Building Heating Upgrade



## Project Description

This project will replace three existing boilers that were installed with the original building in 1978 with one new boiler, perimeter fin tube element heating and a heat recovery ventilator (HRV) unit. The current system does not provide adequate heat for the spaces within the building. The fans in the forced air furnaces use a substantial amount of electricity to move air. Costs will be reduced by replacing the fans with an HRV and boiler system.

## Schedule:

Planning & Design: July 2010-January 2011  
Advertising & Award: February to March 2011  
Construction: May-August 2011

## Total Project Cost:

\$568,700

## Revised Total Project Cost:

\$873,209

**Architect/Engineer:** RSA Engineering, Inc.

**General Contractor:** ASRC Builders, LLC

## Funding Source:

FY11 State Appropriation

## Board of Regents Approval & Motions:

Formal Project Approval September 8, 2010  
Schematic Design Approval September 8, 2010  
Project Change Approval March 29, 2011

## Status Update:

A construction contract has been awarded to ASRC Builders, LLC. On site work is scheduled to begin May 15, 2011.





# Arctic Health SNRAS Research Greenhouse



## Project Description

This project will replace the West Ridge Greenhouse which will be removed from the proposed construction site for the Life Sciences Facility. UAF will construct a new, multi-level research greenhouse connected to the southwest wing of the Arctic Health Research Building. Approximately 7,000 gsf will be functional space, including the headhouse which is already built. The greenhouse will house the School of Natural Resources and Agricultural Sciences (SNRAS), to conduct northern climate plant research.

## Schedule:

Planning & Design: January-August 2010  
Advertising & Award: November 2010-January 2011  
Construction: April 2011– January 2012

**Architect/Engineer:** Design Alaska, Inc.

**General Contractor:** GHEMM Company, Inc.

## Total Project Cost:

\$5,325,000

## Funding Source:

UA Revenue Bond  
GO Bond

## Board of Regents Approval & Motions:

Formal Project Approval February 18, 2010 (Life Sciences Facility)  
Schematic Design Approval June 3, 2010

**Status Update:** The 95% design review is complete. There will be some design changes to the structure due to a poor soils report. Excavation is complete with the backfill started. Some contaminated soils have been found on the southeast corner of the project that will need to be removed and remediated.



# Atkinson Power Plant Boiler 1 & 2 Superheater Tube Replacement



## Project Description

Boilers No. 1 and 2 supply 85% of the steam that supplies power and heat to the UAF campus. They have been in continuous service for 48 years without any tube replacement. This project replaces the superheater tubes and is expected to take four weeks per boiler. The project has two phases: tube procurement and tube installation.

## Schedule:

Procurement : June - September 2010

Advertising & Award: June - July 2010

Construction: April 1 - May 31, 2011

**Architect/Engineer:** UAF Facilities Services

**General Contractor:** Cole Industries, Inc.

## Total Project Cost:

\$860,000

## Revised Total Project Cost:

\$990,000

## Funding Source:

FY11 R&R Appropriation

## Board of Regents Approval & Motions:

Formal Project Approval June 10, 2010

Schematic Design Approval June 10, 2010

Project Change Approval February 16, 2011

## Status Update:

Installation of the superheater tubes was awarded to Cole Industries, Inc. The installation work started on April 4, 2011 and is on schedule for completion June 1, 2011. The first boiler work is complete, and the second boiler is on schedule for the end of May 2011.



# UAF CTC Revitalization Phase 4 Third Floor Renewal



## Project Description

This project provides complete renewal of a significant portion of the third floor at UAF CTC. Work will consist of providing new computer classrooms and offices serving UAF CTC departments, demolition of existing mechanical and electrical systems, installation of new ventilation, cooling, heating, plumbing, digital controls, new power distribution, lighting, and new fire alarm distribution upgrades.

## Schedule:

Planning & Design: June-October 2010  
Advertising & Award: November-December 2010  
Construction: December 2010-June 2011

## Total Project Cost:

4,830,300

## Funding Source:

FY11 Capital Appropriation

**Architect/Engineer:** Design Alaska, Inc.

**General Contractor:** Alaska Mechanical, Inc.

## Board of Regents Approval & Motions:

Formal Project Approval June 3, 2010  
Schematic Design Approval September 23, 2010

## Status Update:

Demolition is complete. Construction began in February and is 50% complete. Construction is currently scheduled at night to minimize impact to the CTC building occupants. The project is on schedule for completion on May 31, 2011.





# Constitution Hall Toilet Room Upgrades

Complete



## Project Description

This project provides ADA compliant accessible toilet rooms and drinking fountains in Constitution Hall.

### Schedule:

Planning & Design: March 2010  
Advertising & Award: July 2010  
Construction: November 2010 - April 2011

### Total Project Cost:

\$560,000

### Revised Total Project Cost:

\$605,000

### Revised Total Project Cost:

\$730,000

**Architect/Engineer:** USKH, Inc.

**General Contractor:** Alutiiq International Solutions, LLC

### Funding Source:

FY07 Capital Appropriation

### Board of Regents Approval & Motions:

Formal Project Approval April 9, 2010  
Schematic Design Approval April 9, 2010  
Project Change Approval June 9, 2010, August 25, 2010

### Status Update:

Project construction 100% complete and upgrades are in use. Project is in close out phase.



# Critical Electrical Distribution Renewal Phase 1B



## Project Description

Phase 1B scope consists of constructing a building that will house a new double breaker switchboard that will be installed in Phase 1C. The new building is separate from the existing Atkinson Power Plant, but it is located in close proximity to the plant and its associated utilidors.

## Schedule Phase 1B:

Planning & Design: January 10, 2009 - June 1, 2009  
Advertising & Award: March 15, 2009 - April 25, 2009  
Construction: June 2010 - May 2011

## Total Project Cost:

\$10,000,000

## Funding Source:

FY11 Capital Appropriation

**Architect/Engineer:** PDC Inc. Engineers

**General Contractor:** Kiewit Building Group, Inc.

## Board of Regents Approval & Motions:

Formal Project Approval February 18, 2010

Schematic Design Approval June 4, 2010

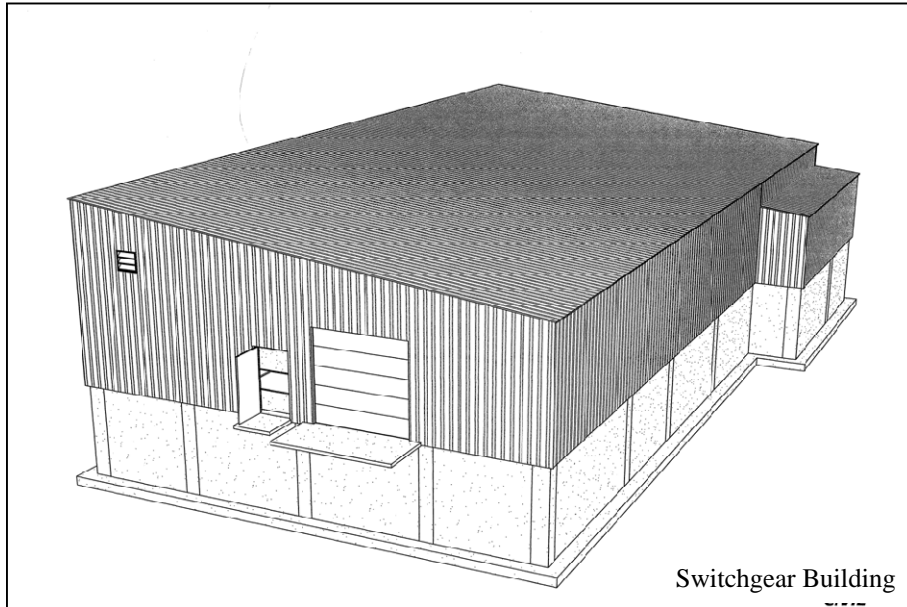
## Status Update:

Work is nearly complete on the building services in the switchgear building. Exterior electrical ductbank work that was not completed last fall is scheduled to start by May 1, 2011, and is on scheduled to meet the completion date of May 20, 2011.





# Critical Electrical Distribution Renewal Phase 1C



## Project Description

Phase 1C scope will install all the major electrical equipment in the building constructed in Phase 1B, including switchgear, transformers, switches, and cable for two electrical feeders to be energized. Additional feeders will be energized if funds are available. This project will also provide additional power in building hub rooms as required for Voice Over Internet Protocol (VOIP).

## Schedule Phase 1C:

Planning & Design: January 10, 2009 - June 1, 2009

Advertising & Award: May-July 2011

Construction: July 2011 - August 2012

**Architect/Engineer:** PDC Inc. Engineers

**General Contractor:** Kiewit Building Group, Inc.

## Total Project Cost:

\$13,500,000

## Funding Source:

FY12 R&R Funding (if approved by the legislature)

## Board of Regents Approval & Motions:

Formal Project Approval April 8, 2011

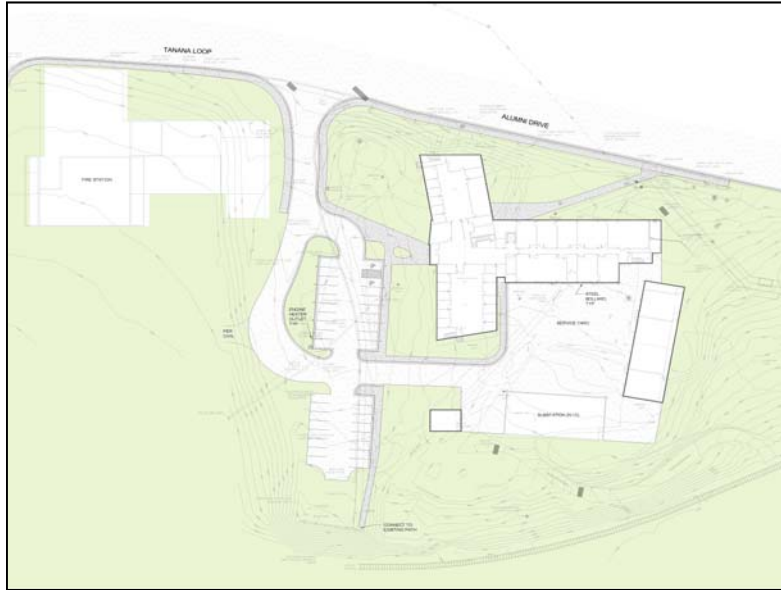
Schematic Design Approval Pending BOR approval June 2, 2011

## Status Update:

Construction will begin July 1, 2011 pending legislature approval of the R&R funding.



# Energy Technology Facility



## Project Description

UAF will construct an Energy Technology Facility to attract and retain collaborative initiatives with public and private entities, and to be a catalyst for power and energy solutions in the State of Alaska. This is a two-phase project with site preparation and construction of high bay test modules occurring in the first phase (Energy Technology Facility Phase 1A), and construction of the main facility occurring in the second phase (ETWP).

## Schedule:

Planning & Design: April 2009-February 2012  
Advertising & Award: February-May 2012  
Construction: June 2012 to June 2014  
(contingent upon funding)

## Total Project Cost:

\$30,600,000

## Revised Total Project Cost:

\$29,600,000

## Funding Source:

TBD

**Architect/Engineer:** Bettisworth North, Inc.

**General Contractor:** TBD

## Board of Regents Approval & Motions:

Formal Project Approval April 9, 2009  
Revised Formal Project Approval September 24, 2009  
Schematic Design Approval TBD

## Status Update:

The design for the Energy Technology Facility has been delayed due to the higher than anticipated cost estimate for the Energy Technology Test Modules (Refer to ETTM CIP Update).



# Energy Technology Facility Phase 1A



## Project Description

This project, Phase 1A, will prepare the site for the Energy Technology Facility (project ETWP), and will construct the four alternative energy test bay modules for ACEP in advance of the construction of the main facility.

## Schedule Phase 1A:

Planning & Design: April 2009  
Advertising & Award: February - March 2011  
Construction: May 2011 - November 2011

**Architect/Engineer:** Bettisworth North, Inc.

**General Contractor:** Kiewit Building Group, Inc.

## Total Project Cost:

\$3,000,000

## Revised Total Project Cost:

\$4,700,000

## Funding Source:

FY11 Capital Appropriation  
University Receipts

## Board of Regents Approval & Motions:

Formal Project Approval April 8, 2009  
Revised Formal Project Approval September 2009  
Schematic Design Approval February 18, 2010 (Phase 1A)  
Project Change Approval December 9, 2010

## Status Update:

The foundation for the Test Modules was completed October 15, 2010 by Kiewit Building Group under the Critical Electrical Upgrade Phase 1B (UTERB) project. A construction contract was awarded to Kiewit Builders to complete the test modules. Groundbreaking for the project is scheduled on May 12, 2011.



# UAF Engineering Facility



## Project Description

This project will construct a new, multi-story facility that will house existing and new engineering programs. The facility will be programmed in 2011 and is anticipated at approximately 60,000 gross square feet. The facility will include office, classroom, class laboratory, and research laboratory space. Specialty spaces such as high-bay test labs, strong floors and materials testing labs will also be included.

## Schedule:

Planning & Design: July 2011 -

Advertising & Award: TBD

Construction: TBD

**Architect/Engineer:** TBD

**General Contractor:** TBD

## Total Project Cost:

\$60,000,000

## Funding Source:

\$1,000,000 allocated through the Board of Regents for programming and conceptual design.

## Board of Regents Approval & Motions:

Preliminary Project Approval September 9, 2006

Formal Project Approval June 4, 2010

Schematic Design Approval TBD

## Status Update:

Consultant proposals for architectural and engineering services were received on April 12, 2011. Interviews have been scheduled and a contract is expected to be awarded by May 12, 2011. Programming and concept design submittals are scheduled for July 20, 2011.



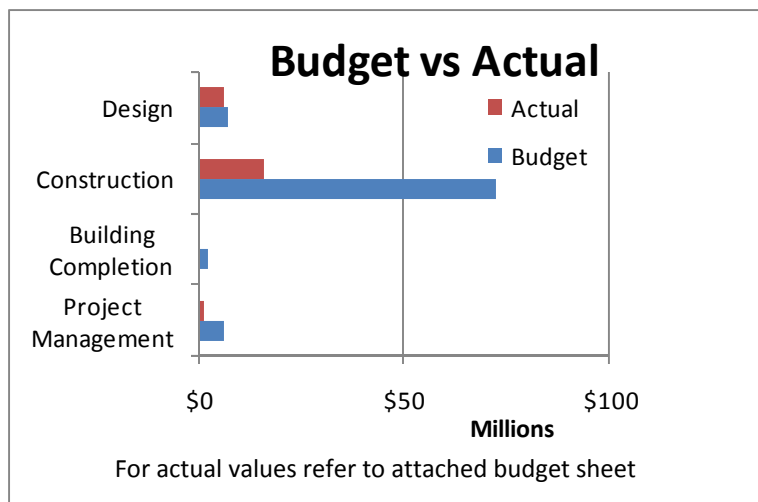


# UAF Life Sciences Research and Teaching Facility



## Project Description

Life Sciences will provide multiuse teaching and research labs, classrooms, and office space for life science research and academic purposes. The research portion will provide nearly 60,000 gsf lab space for biology research. The teaching portion will provide 40,000 gsf of academic classroom and lab space for biology and wildlife degree programs. The Life Sciences project also includes expansion of the West Ridge utilidor steam line, and a greenhouse replacement.



## Basic Project Info:

### Designer:

Bezek Durst Seiser Inc, Smith Group, PDC Inc, RFD Inc

**CM@Risk:** Davis Constructors

### Board Approvals:

FPA February 2010 \*  
SDA November 2010

**TPC:** \$88,275,000

**Construction Cost:** \$0

**Occupancy Date:** February 2014

Funding Source: GO Bond  
UA Revenue Bond

\* Refer to next page for FPA details

## Schedule Bar Chart:



## Status Update:

Building excavation is approximately 70% complete as of the end of April 2011. Backfill is in progress and concrete pouring should begin mid-May. No permafrost or ice lenses have been encountered. The design of the exterior cladding and glazing is 75% complete.

For additional information go to <https://www.uaf.edu/lifescience/construction/index.xml>





# UAF Life Sciences Research and Teaching Facility

<b>UNIVERSITY OF ALASKA</b>				
Project Name: Life Sciences Research and Teaching and Facility				
MAU: UAF				
Building:	New-Life Sciences Facility	Date:	April 12, 2011	
Campus:	Fairbanks	Prepared By:	Wohlford	
Project #:	LFRF 2010100	Account No.:	512035-50216	
Total GSF Affected by Project:		101,100		
<b>PROJECT BUDGET</b>			<b>Budget</b>	<b>Actual</b>
<b>A. Professional Services</b>				
Advance Planning, Program Development			\$0	\$0
Consultant: Design Services			\$5,645,840	\$5,645,840
Consultant: Construction Phase Services			\$1,112,000	\$156,000
CM@Risk Preconstruction Services			\$224,210	\$224,210
Misc Consulting and Peer Reviews			\$85,000	\$82,597
Soils Testing & Engineering			\$0	\$0
Special Inspections			\$50,000	\$0
Plan Review Fees / Permits			\$275,000	\$0
Other			\$0	\$0
<i>Professional Services Subtotal</i>			<b>\$7,392,050</b>	<b>\$6,108,647</b>
<b>B. Construction</b>				
General Construction Contract (s)			\$67,700,000	\$15,428,601
Other Contractors (List: West Riedge Parking, Building Relocations)			\$1,318,159	\$272,469
Construction Contingency			\$3,327,893	\$0
<i>Construction Subtotal</i>			<b>\$72,346,052</b>	<b>\$15,701,070</b>
<i>Construction Cost per GSF</i>			<b>\$715.59</b>	
<b>C. Building Completion Activity</b>				
Equipment			\$490,000	\$0
Fixtures			\$100,000	\$0
Furnishings			\$650,000	\$0
Signage not in construction contract			\$50,000	\$0
Move-Out Cost/Temp. Reloc. Costs			\$0	\$0
Move-In Costs			\$300,000	\$0
Art			\$200,000	\$0
Other (List: )			\$0	\$0
OIT Support			\$450,000	\$0
Maintenance/Operation Support			\$250,000	\$32,456
<i>Building Completion Activity Subtotal</i>			<b>\$2,490,000</b>	<b>\$32,456</b>
<b>D. Owner Activities &amp; Administrative Cost</b>				
Project Planning and Staff Support			\$3,700,265	\$982,898
Project Management			\$2,126,633	\$102,259
Misc Expenses: Advertising, Printing, Supplies			\$220,000	\$48,253
<i>Owner Activities &amp; Administrative Cost Subtotal</i>			<b>\$6,046,898</b>	<b>\$1,133,410</b>
<b>E. Total Project Cost</b>			<b>\$88,275,000</b>	<b>\$22,975,583</b>
<i>Total Project Cost per GSF</i>			<b>\$873.15</b>	<b>Remaining Budget</b>
<b>F. Total Appropriation(s)</b>			<b>\$88,275,000</b>	<b>\$65,299,417</b>

**Formal Project Approval: \$108,600,000 to fund three projects associated with the construction of the new facilities:**

- Life Sciences Facility (\$88,275,000)
- West Ridge Steam Capacity Expansion (\$15M) - FPA/SDA pending BoR Approval 4-6-11
- Arctic Health Greenhouse (5,325,000) - Refer to AHRG CIP Update



UAF Life Sciences Facility (LFRF)

May 2011 CIP Update

# Skarland Hall Shower Repairs

Substantially Complete



## Project Description

This project will demolish and reconfigure the shower rooms and toilet areas on all three residence floors of Skarland Hall, because the infrastructure of the shower and toilet areas are failing. The reconfiguration will include bringing the ventilation and electrical systems up to current standards, including ADA regulations and codes. This project will also provide increased security, especially in the shower rooms. During construction, Skarland Hall will be completely shut down to student use.

## Schedule:

Planning & Design: November 2009 - May 2010  
Advertising & Award: June - July 2010  
Construction: August 2010 - May 2011

## Total Project Cost:

\$3,800,000

## Revised Total Project Cost:

\$3,000,000

**Architect/Engineer:** Nvision Architecture, Inc.

**General Contractor:** Richard Stanton Construction Co.

## Funding Source:

Residence Life Auxiliary Funds  
FY11 R&R Funding

## Board of Regents Approval & Motions:

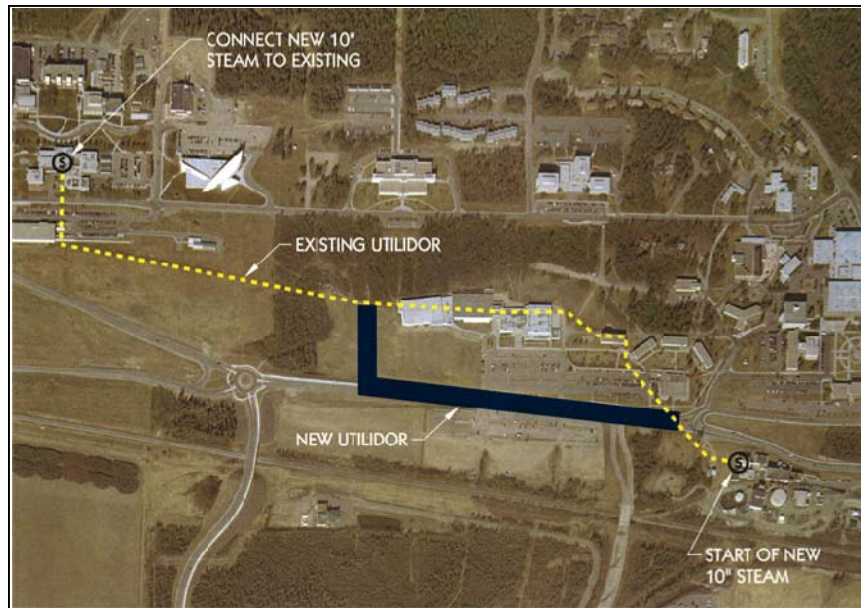
Formal Project Approval September 24, 2009 (\$3,800,000)  
Schematic Design Approval May 4, 2010 (\$3,000,000)

## Status Update:

The project is 98% complete. Minor punch list items remain. Residence Life will re-occupy Skarland Hall in mid- May. The project is on schedule for completion in May of 2011.



# Utilities West Ridge Steam Capacity Expansion



## Project Description

This project installs a 10-inch steam line and a 6-inch condensate line from the Atkinson Power Plant to the West Ridge in the vicinity of the Arctic Health Building to increase the steam capacity for West Ridge and the new Life Sciences Facility. A new utilidor will also be constructed to house the steam piping and other utilities from the utilidor near the Lola Tilly Building to the Utilidor west of the Student Recreation Center.

## Schedule:

Planning & Design: February - May 2011  
Advertising & Award: April - July 2011  
Construction: August 2011 - October 2012

## Total Project Cost:

\$15,000,000

## Funding Source:

FY11 GO Bond (Life Sciences)

**Architect/Engineer:** PDC Inc. Engineers

**DB Contractor:** TBD

## Board of Regents Approval & Motions:

Formal Project Approval November 9, 2011

Schematic Design Approval April 8, 2011

## Status Update:

Request for Design-Build Qualifications is currently advertising with a deadline of May 10, 2011. The selection of a Design-Build contractor will be completed by July 1, 2011. Construction is scheduled to begin this summer.



# Anderson Building Remodel & Pedestrian Access



## Project Description:

This project will totally remodel the Juneau campus principal science instruction space to accommodate the needs of the UAS Science program. The project is divided in to two separate construction contracts. The first is the building remodel including classrooms, teaching labs, faculty offices, and research spaces. The second contract will be for the construction of a pedestrian crossing of Glacier Highway. These two elements are being designed, bid and constructed as separate contracts due to the different nature and schedules for the work.

In the remodel work major building components will be upgraded or replaced including heating and ventilating equipment and controls, the roof membrane and insulation, new toilet rooms, interior finishes, elevator replacement, classroom and laboratory casework and the emergency generator. Interior space will be reconfigured to improve effectiveness of the teaching and research areas. The number of faculty offices will be reduced. The work has required the building to be vacated during renovation. Interim space for offices and labs is being accommodated elsewhere on campus, at the UAF Fisheries facility at Lena Point and at the old NOAA lab adjacent to the Anderson Building.

The pedestrian access work will include a pedestrian bridge connecting to the third floor of the Anderson Building and a paved and lighted pathway to the main campus.

**Total Project Cost:** \$10,700,000

## Project Schedule:

	Building Remodel	Pedestrian Access
Final Design	9/2008 –9/2009	3/2009 – 12/2011
Bid & Award	10/2009-11/2009	2/2012 -3/2012
Construction	12/2009 – 9/2010	4/2012 – 10/2012

## Project Approvals:

Formal Project Approval	September 2008
Schematic Approval	February 2009

## Status Update:

Building Remodel: Punch list commissioning and contract close out activities are proceeding.

Pedestrian Overpass: UAS is awaiting detailed design data on the Alaska DOT&PF's proposed re-alignment of Glacier Highway. DOT&PF and UAS are re-examining the impacts of the future road and right-of-way re-alignment. Construction is intended for 2012.





# Auke Lake Way Corridor Improvements & Reconstruction



## Project Description:

- Reconstruction of Auke Lake Way from Hendrickson to the Egan bus circle to replace pavement, signage and lighting, and add traffic control devices and provide for service and emergency access;
- Reconstruction of the Novatney parking area to a service turn-around;
- Construction of a paved and lighted pedestrian connection from the Hendrickson Building to the Auke Creek bridge path, eliminating pedestrian use of the road;
- Reconstruction, paving and drainage of the Chapel-by-the-Lake parking lot as required by the parking agreement;
- Construction of a roof structure atop the path between the main parking lots and the Whitehead entrance;
- Revised entry canopies at the intersections of the Novatney and Whitehead exterior walkways.
- Traffic and signage improvements at the Loop Road intersection.

**Total Project Cost:**                    **\$4,300,000**

## Project Schedule

Planning & Design:	1/2011 – 9/2011
Bid & Award (phase 1):	5/2011 – 6/2011
Construction (phase 1):	6/2011 - 10/2011

## Project Approvals

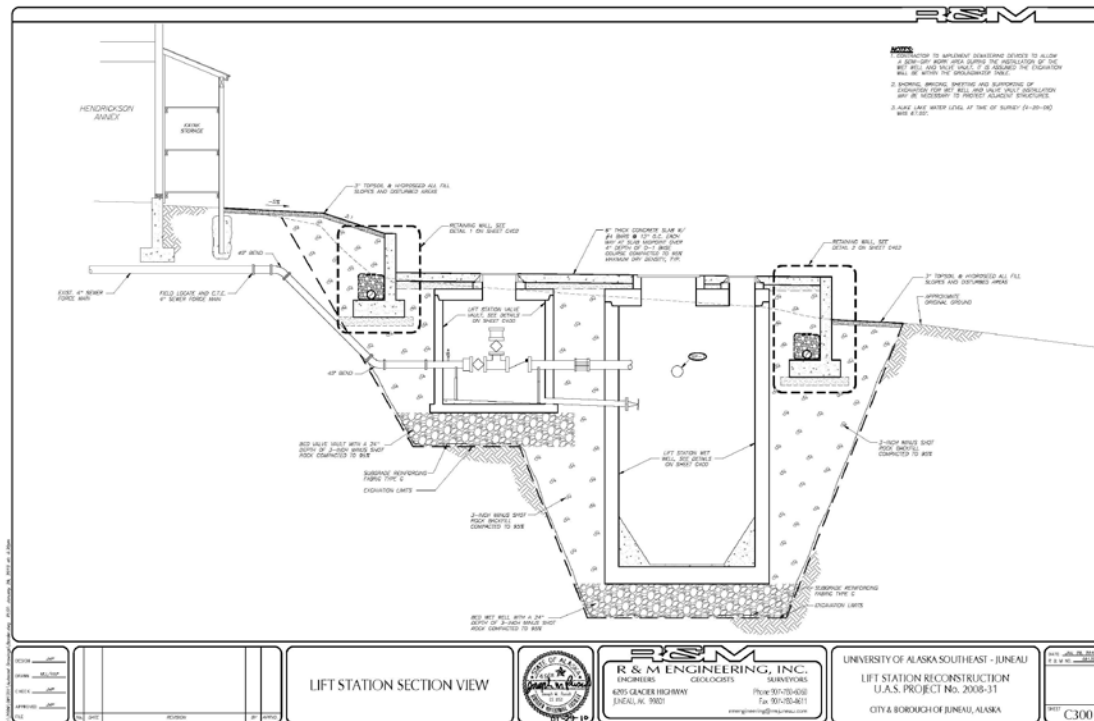
Formal Project Approval	December 2010
Schematic Approval (Phase 1)	April 2011

## Status Update:

Phase 1 will be bid in two increments, North Entry improvements has been awarded to Admiralty Construction and the South entry improvements is in design.



# Juneau – Campus Lift Station Replacement



## Project Description:

The eight principal buildings within the Auke Lake core campus are all served by a single sewage lift station near the edge of Auke Lake, the lowest point on campus. The mechanical and electrical components of the sewage ejection system are at the end of their useful life. In addition the simple building that houses the equipment has been partially undermined by site erosion over many years.

This project will demolish the existing building and construct a new lift station.

**Total Project Cost: \$625,000**

## Project Schedule

Design 09/2010 – 3/2011  
Construction: June through August 2011

## Project Approvals

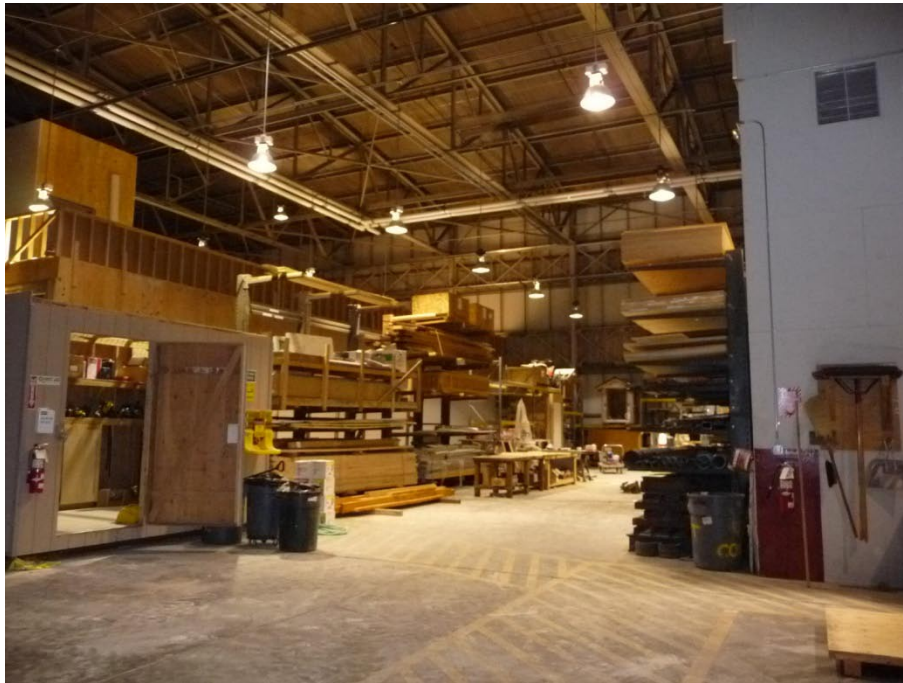
Formal Project Approval October 2010  
Schematic Design Approval October 2010

## Status Update:

A contract has been awarded to Southeast Earthmovers and construction will begin in mid May.



# Sitka Career & Technical Education Center



## Project Description:

A Title III grant is providing funding over the next two federal fiscal years to remodel portions of the existing facility. The project will:

- Expand the existing student success center,
- Create a new instructional design center,
- Reconstruct the construction technology laboratory,
- Construct new records storage, and
- Construct a new lecture hall.

**Total Project Cost:**                **\$3,410,000**

## Project Schedule

Planning & Design	11/2008 – 9/2009
Bid & Award	9/2011 – 10/2011
Construction:	11/2011 - 10/2012

## Project Approvals

Formal Project Approval	December 2010
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## Status Update:

Schematic design is proceeding.



# Ketchikan – Ziegler Building Roof Replacement



## Project Description:

This project will install a new membrane roof, new roof insulation, new flashing and make repairs to the wood mansard roof fascia.

**Total Project Cost:**               **\$515,000**

## Project Schedule

Design	11/2010 – 3/2011
Construction:	June through August 2011

## Project Approvals

Formal Project Approval	December 2010
Schematic Design Approval	December 2010

## Status Update:

A contract has been awarded to Croy Construction.

