

# Allied Health Science 2<sup>nd</sup> Floor Renovations



## **Project Description:**

Project is to renovate space vacated from move to new Health Science Building. Will serve for instruction on Radiologic Technology, Medical Assisting, Emergency Medical and Technology (EMS). A new program, Diagnostic Medical Sonography will be provided with a new Ultrasound Room necessary for teaching.

## **Schedule:**

Planning & Design: July 2011 –January 2012.  
Advertising & Award: February/ March 2012  
Construction: May 2012  
Occupancy August 2012

## **Total Project Cost:**

\$784,258.00

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

Project Agreement May 11, 2011  
Preliminary Admin Approval June 2, 2011

## **Status Update:**

Kumin & Assoc. was selected to provide architectural & engineering construction drawings. Design is in progress. Construction to start May 2012 and be completed by August 2012 for fall semester.



# Beatrice McDonald Building Renewal



## Project Description:

Complete renovation of the Beatrice McDonald Building, a 1970's building on the main UAA campus. The project will include HAZMAT abatement, replacement of boiler and mechanical systems, replacement of electrical systems and architectural interior and exterior improvements.

## Schedule:

Planning & Design: July 2011 –January 2013  
Advertising & Award: February/ March 2013  
Construction: May 2013  
Occupancy August 2014

## Total Project Cost:

\$10,300,000.00

## Board of Regents Approval & Motions:

Project Agreement	July 11, 2011
Preliminary Admin Approval	July 11, 2011

## Status Update:

Architects Alaska was issued a contract for Programming & Pre-Design. The initial kick off meeting is scheduled for 9/2/11.



# UAA Engineering and Industry Building, Ph 1



## **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-December 2012  
Advertising & Award: January-March 2013  
Construction: April 2013-May 2015  
Warranty: 1 year after construction completion

## **Total Project Cost:**

\$117,000,000

## **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:**

Livingston Slone Architects, Anchorage, Alaska, was selected as lead architect for planning and programming the UAA Engineering and Industry Building. Programming workshops were conducted in June, July and August 2011. Ira Fink is assisting UAA by providing peer review of the programming phase of the project. Release of remaining design funds is being requested at the September BOR Meeting.



# UAA Health Sciences 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:

Conditional certificate of occupancy received August 1, 2011. Furniture and equipment delivery and installation complete. Functional testing/commissioning/operation and maintenance training of all mechanical and electrical systems complete. Installation of audio/video equipment 99% complete. Staff and faculty have completed the move into the building. Grand Opening Ceremony is scheduled for October 7, 2011.



# 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. The building received a Certificate of Occupancy on July 28, 2011. Minor programming adjustments are currently being addressed.

This is the final report for this project.



# UAA Science Building Renovation



## Project Description:

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

## Schedule:

	<b>Phase 2</b>
Planning & Design:	Nov 2010 –Feb 2011
Advertising & Award:	March 2011
Construction:	May 2011 –April 2012
Warranty:	1 year after construction completion

## Total Project Cost:

Ph I	\$2,645,600
Ph 2	\$5,100,000
Ph 3	\$5,300,000
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) June 2011

## Status Update:

Phase 2 – Demolition is complete. Shown are the new heating lines going to the Energy remodel. New walls are framed, electrical and mechanical rough-in is about 75% complete.

Phase 3 design is 65% complete.



# UAA Seawolf Sports Arena



## Project Description:

196,000 sf multi-use facility that will house a 5,000 seat performance gymnasium for basketball & volleyball; a practice & performance gym for the gymnastics program; support space consisting of a fitness & training room, administration/coaching offices, laundry, A/V production, locker & team rooms for basketball, volleyball, gymnastics, skiing, track & cross country programs.

## Schedule:

Planning & Design: Aug 2008- Spring 2012  
Advertising & Award: Fall 2011 (CMAR process)  
Construction: Spring 2012 to Fall 2014  
Warranty: 1 year after construction completion

## Total Project Cost:

\$ 109,000,000

## Board of Regents Approval & Motions:

Preliminary Admin Approval: Aug 2008  
Formal Project Approval(s): Feb 2009 /June 2011  
Schematic Design Approval(s): June 2009/Sept 2011  
Total Project Cost Increase: June 2011 – approved \$109M

## Status Update:

Total project funding of \$109M (\$15M FY-09 Capital; \$60M FY11 General Obligation Bond; \$34M FY12 Capital) is now in place. Project team is currently verifying earlier assumptions on program & space requirements, parking, site and traffic considerations on the larger facility as well as finalizing sustainability design strategies. Limited site clearing (<2 acres) has been approved by the MOA Planning Department. Ground Breaking ceremony for the new Seawolf Sports Arena is scheduled for September 9<sup>th</sup>. Schematic Design including CMAR approval is being requested at the September BOR Meeting.



# UAA University Lake Building and University Lake Building Annex Roof Replacement



## Project Description:

UAA has over 1,000,000 square feet of various roofing types of which many have exceeded their performance life expectancy and must be replaced. UAA intends to replace the roofs based on an age/problem basis on an annual basis. The current FY12 project is to replace the roofs on the University Lake and the University Lake Annex Buildings. These roofs are 27 years old. The exposed asphalt roofs have well over three hundred patches, extensive UV degradation/cracking and numerous areas of standing water on the flat roof. The three inch rigid insulation is well below any current building standards; new, thicker and tapered insulation will bring the building up to an R-30 level and provide excellent drainage. The new mineral cap built up asphalt roof will be durable and require less maintenance.

## Schedule:

Planning & Design:	July 2009-May 2010
Advertising & Award:	June 2011
Construction:	July 2011-September 2011
Warranty:	15 years after construction completion

## Total Project Cost:

\$925,000

## Board of Regents Approval & Motions:

Prelim Administrative Approval:	Feb 2009
Formal Project Approval:	April 2011
Schematic Design Approval:	April 2011
Project Change Approval:	July 2011

## Status Update:

The ULB roof project was funded with R&R funds in May 2011 and subsequently bid June 2011. Seven bidders responded and the low bid and award was to Consolidated Enterprises, Inc. for \$460,071. With remaining project balance and FY12 funding, the ULB Annex was added to the scope of work after project change approval. The Contractor mobilized to the site in August 2011 and work is progressing as weather allows.





# Wendy Williamson Auditorium Lighting Replacement



## Project Description:

Demolition and replacement of incandescent light fixtures in the Wendy Williamson Auditorium 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:

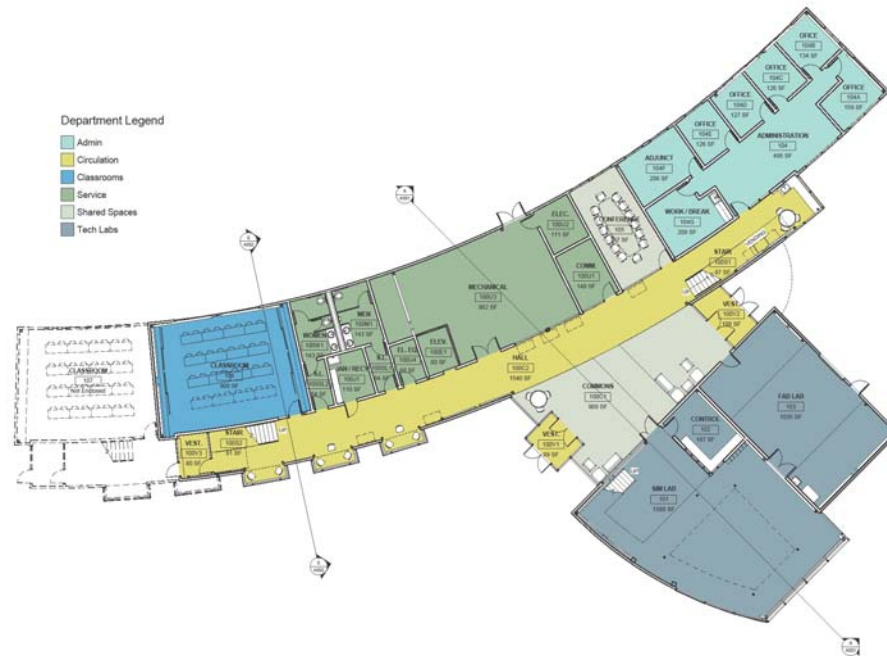
Project Agreement February 24, 2010  
Prelim Administrative Approval: March 3, 2010  
Formal Project Approval: March 22, 2010  
Schematic Design Approval: March 25, 2011

## Status Update:

Submittals have been issued, approved and processed. All fixtures are on order and scheduled for arrival before construction start date of November 7, 2011.



# UAA Kenai Campus Career & Technical Center



UAA KRC Career & Technical Center - Level 1  
August 10, 2011

McCool Carlson Green Architects  
www.mcgalaska.com

## Project Description

A new KPC building at the Kenai River Campus for Process Technology, electronics and instrumentation programs, approximately 17,000 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 Project Approval: Feb 2011  
Formal Project Approval: February 18, 2011  
Schematic Design Approval: Pending  
Total Project Cost Increase: N/A

## Status Update:

McCool Carlson Green has met with the KPC building committee several times and has developed the schematic design.



# UAA Kenai Campus Student Housing



## Project Description

New student housing with 96 Student beds.

## Schedule:

Planning & Design: June 2011 – April 2012  
Advertising & Award: June 2012  
Construction: June 2012 – August 2013  
Warranty: 1 year after construction completion

## Total Project Cost:

\$17,800,000

## Board of Regents Approval & Motions:

Preliminary Admin Approval: Feb 2011  
Formal Project Approval: February 18, 2011  
Schematic Design Approval: Pending  
Total Project Cost Increase: Additional \$1.8 M in funding from Legislature

## Status Update:

Bettisworth North has met with the building committee several times and has developed the schematic design. Schematic Design is being requested at the September BOR Meeting.



# UAA KPC Soil Remediation



## **Project Description:**

This project will cleanup a site off campus that was used for fire training in the 1980's and has significant amounts of diesel contamination at 14 feet below ground level. The contractor will excavate the soil and place it into clean piles and contaminated piles. Once all the contaminated soil is excavated the Environmental Consultant and the DEC will inspect the excavation. The contaminated soil will be spread out and land tilled. The expected outcome is to either clean up or fully characterize the site.

## **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:** One small area will need additional excavation to remove contaminated soil, this will be done in September. The contaminated soil that has been spread across the site has been tilled several times. Good progress has been made and final cleanup is anticipated by the end of summer 2011.



# 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- June 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:

The University accepted the building as Substantially Complete effective 3/18/11. The general contractor has now completed all work on contractual punch list items and continues working on small miscellaneous owner initiated change order work. Additional landscaping and misc. site improvements work added by contract mod. #7 is now complete. Owner training and O&M manuals are now complete and final as-built drawings are in progress.

**This is the final update for this project.**



# Mat-Su Valley Center for Arts & Learning



## Project Description:

The project will design and construct a new facility at the Mat-Su Campus that will provide a music classroom, drama lab, instrument storage, display areas, gathering/study spaces and a theater for lectures, public gatherings and conferences.

## Schedule:

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

## Total Project Cost:

\$20,000,000

## Board of Regents Approval & Motions:

Prelim Administrative Approval:	February 2011
Project Agreement	August 22, 2011
Formal Project Approval:	Pending

## Status Update:

We received proposals from six design firms which led to the selection of Kumin & Associates, Inc as the consultant for the project. Meetings have defined the preliminary scope of work and the consultant is proceeding with planning activities and concepts. Formal Project Approval is being requested at the September BOR Meeting.



# 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 is substantially complete on August 05, 2011. Minor clean up items remain to be completed.

This will be the final report for this project.



# Mat-Su College Paramedic/Nursing Lab Addition



## Project Description:

The Snodgrass Hall addition will include new classrooms, offices, labs, workspace and storage for the paramedic and nursing programs. The FY10 GO Bond funded this addition to the Mat-Su campus.

## Schedule:

Planning & Design: February 2011-March 2012  
Advertising & Award: April 2012  
Construction: June 2012 – December 2013

## Total Project Cost:

\$3,625,000

## Board of Regents Approval & Motions:

Prelim Administrative Approval: November 2009  
Formal Project Approval: November 18, 2010  
Schematic Design Approval: Pending

**Status Update:** Through meetings with the campus, the consultant has defined the scope of work and is finalizing the conceptual drawings and proceeding with the cost estimate based on the concept. The MSC campus has added \$125,000 to the project to relocate a septic tank that was not in the original scope of work. A request for Schematic Design Approval has been submitted for review and approval.





# PWSCC Wellness Center Renovation & Campus Renewal



## **Project Description:**

The FY11 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-February 2012  
Construction: April 2012 – July 2013

## **Total Project Cost:**

\$5,000,000

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

Prelim Administrative Approval: November 2009  
Project Agreement: November 18, 2010  
Formal Project Approval: December 10, 2010  
Schematic Design Approval: Pending

**Status Update:** Kumin Architects, Inc. has completed the schematic design for the facility. The cost estimate based on the schematic design is within the project budget. Schematic Design Approval is being requested at the September BOR Meeting.



# Arctic Health CANHR Health Clinic



## Project Description

This project will build about 3200 gsf of new space and renovate another 2800 gsf to support initiatives under the Center for Alaska Native Health 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: June-July 2011  
Construction: August 2011-March 2012

## Total Project Cost:

\$3,657,000

## Funding Source:

NIH C06 Grant

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

**General Contractor:** GBC, Inc.

## 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 project bids were received on June 23rd. An award was issued the last week of July 2011 to GBC, Inc. Work will require the north entrance of the facility to be closed. Construction is anticipated between June and December 2011. The project completion date has slipped to March 2012 due to extended review periods by NIH.



# Kuskokwim Campus CANHR Health Clinic



## Project Description

This project will renovate and construct a new CANHR Health research facility within the existing Voc-Ed building, on the Kuskokwim Campus. The new space will be designed to accommodate Telehealth medicine (secure video conferencing) and distance education video conferencing. Additive Alternate #1, Kuskokwim Campus Gymnasium and Second Floor Renovation (KCGR), will be built above the clinic. Additive Alternate #2 is for selected mechanical work.

## Schedule:

Planning & Design: June 2010 to March 2011  
 Advertising & Award: July-August 2011  
 Construction: September 2011 - August 2012

## Total Project Cost:

\$3,800,000

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

## Funding Source:

NIH C06 Grant/USDE Title III Grant

**General Contractor:** Denali General Contractors, Inc.

## 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 bid opening was successful and within the engineer's estimate. The contract was awarded to Denali General Contractors, Inc. on August 8, 2011. The contractor will forward a schedule and tentatively start on the site work September 7, 2011. The barge schedule may delay the start of major work until May of 2012.



# 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-Education building, above the Kuskokwim Campus CANHR Health Clinic (KCHC). Testing and distance education modules and new faculty offices will also be built. Construction on the KCHC and KCGR projects will be done simultaneously.

### Schedule:

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

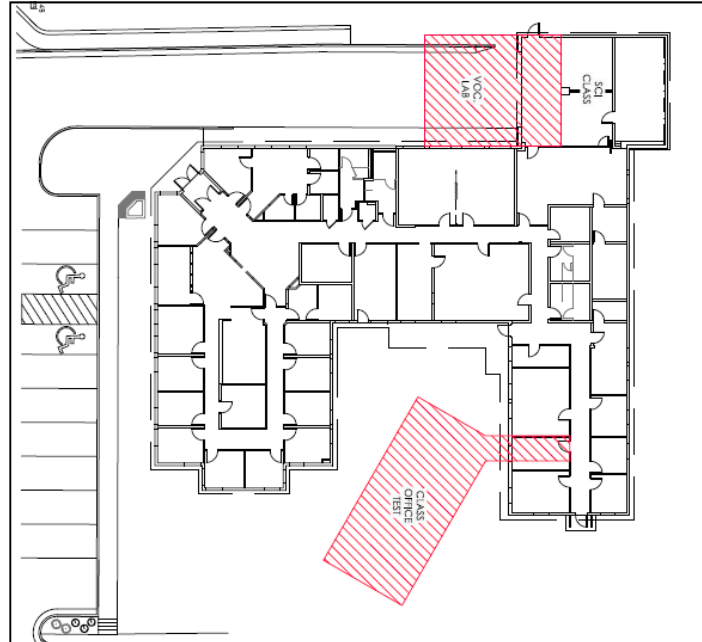
Preliminary Project Approval December 13, 2010  
 Formal Project Approval February 14, 2011  
 Schematic Design Approval June 8, 2011

### Status Update:

This project is additive alternate #1 to KCHC (noted previously). Bids have been received and an award is in progress.



# 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-August 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 July 21, 2011

## Status Update:

Bids were received and an award is in progress as we actively collect submittals to complete the contracting. Construction will be underway the end of August 2011.



# 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:** NVision Architecture

**General Contractor:** TBD

## Board of Regents Approval & Motions:

Preliminary Project Approval December 13, 2010  
Formal Project Approval February 14, 2011  
Schematic Design Approval July 21, 2011

## Status Update:

Bids were received and an award is in progress as we actively collect submittals to complete the contracting. Construction will be underway the end of August 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-March 2011  
Construction: May-August 2011

## Total Project Cost:

\$568,700

## Revised Total Project Cost:

\$873,209

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

## Funding Source:

**General Contractor:** ASRC Builders, LLC

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:

The contractor is progressing well on this project and is approximately 95% complete. A substantial completion inspection is scheduled for August 31, 2011.



WE'RE BUILDING ALASKA'S FUTURE. UAF ALASKA



# 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 Research and Teaching Facility. UAF will construct a new, multi-level, 10,000 gsf research greenhouse connected to the southwest wing of the Arctic Health Research Building. The greenhouse will allow 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

## Total Project Cost:

\$5,325,000

## Funding Source:

UA Revenue Bond  
GO Bond

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

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

## Board of Regents Approval & Motions:

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

**Status Update:** The steel frame and concrete foundation are complete and the first floor slab has been poured. In-slab mechanical and electrical were installed the week of July 18, 2011 and followed by the 2nd floor slab pour the last week of July 2011. The greenhouse structure arrived in Fairbanks and is being erected with the mechanical and electrical rough-in to begin soon.





# 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 new electrical feeders. Additional feeders will be installed as 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 2009 - June 2009  
Advertising & Award: May-July 2011  
Construction: July 2011 - August 2012

## Total Project Cost:

\$13,500,000

## Funding Source:

FY12 R&R Funding

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

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

## Board of Regents Approval & Motions:

Formal Project Approval April 8, 2011

Schematic Design Approval June 2, 2011

## Status Update:

Construction began July 1, 2011. Switchgear was delivered on August 24, 2011 and a major transformer is scheduled to be delivered in late September 2011. Electrical equipment will be installed and commissioned over winter 2011-2012 and two feeders will be energized in June 2012. Additional feeders will be energized in summer 2012. Anticipated completion date is the fall of 2012.



# Energy Technology Facility Phase 1A (ETTM)



## Project Description

This project, Phase 1A, will prepare the site for the Energy Technology Facility (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

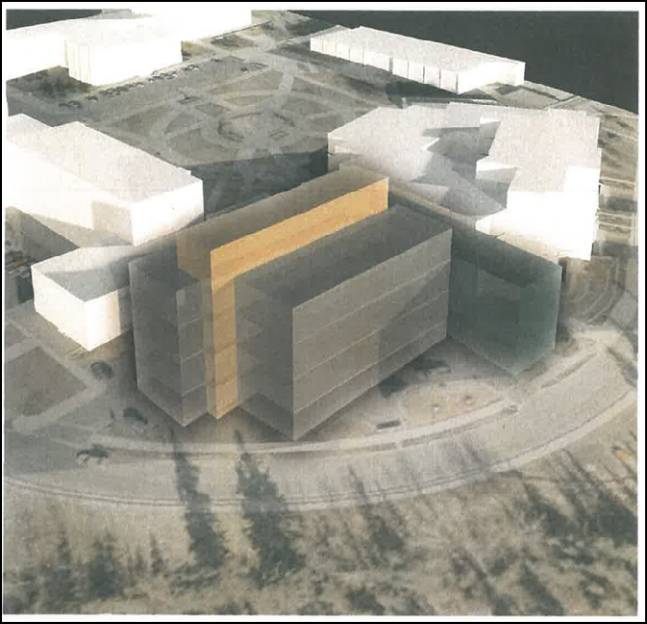
## Status Update:

The foundation for the Test Modules was completed October 15, 2010 by Kiewit Building Group under the Critical Electrical Upgrade Phase 1B project. Groundbreaking took place on May 12, 2011. Structural steel is complete including the installation of insulated panels. The building is closed-in with electrical and mechanical installation currently on schedule.



# UAF Engineering Facility

UAF photo by Todd Paris



## Project Description

This project will construct a new, multi-story facility that will house existing and new engineering programs. 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: May 2011-July 2012  
Advertising & Award: Fall 2012  
Construction: 2013

**Architect/Engineer:** ECI/Hyer & NBBJ

**General Contractor:** TBD

## Total Project Cost:

TBD

## Funding Source:

- FY 11 Capital Appropriation for \$4,000,000 of which \$1,000,000 is allocated 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 ECI/Hyer & NBBJ was selected in mid-May 2011. The Consultant and the College of Engineering and Mines (CEM) are currently in the programming and concept design phase for the facility. Ira Fink, author of the 2010 UA Engineering Report, continues to provide program review and input. The gross square foot building need will be established as part of the current work effort. Draft programming and concept design submittals are currently under review to meet the August 29, 2011 deadline in preparation for the September 2011 Board of Regents meeting.

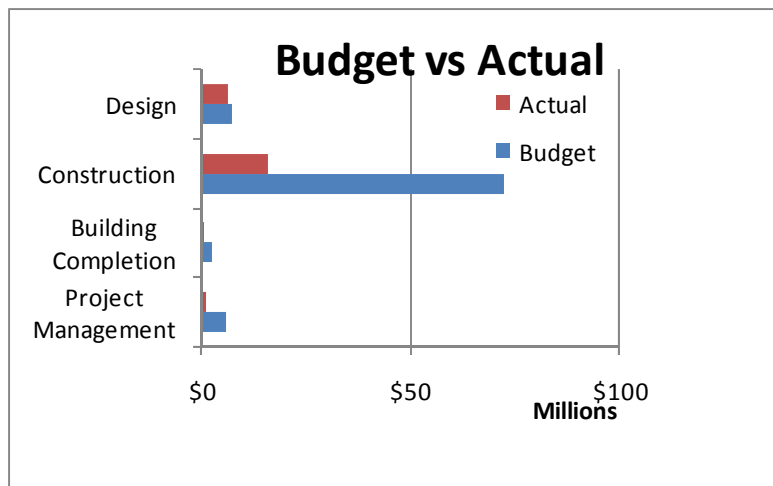


# UAF Life Sciences Research and Teaching Facility



## 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.



For actual values refer to attached budget sheet

## 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:** \$67,100,000

**Occupancy Date:** Fall 2013

Funding Source: GO Bond  
UA Revenue Bond

## Schedule Bar Chart:



## Status Update:

Steel erection was completed August 19, 2011. Work continues on installing the steel decking and in-slab conduit, hangers, and reinforcing steel. Sewer line work has begun again along Sheenjok Drive. The new utilidor connection is half-way complete. Work has begun on the exterior studs and vapor barrier, a key milestone that needs to be completed in the next four weeks to ensure timely dry-in of the facility. The final design deliverable will occur the last week in August and review will begin in earnest. Overall the project remains on schedule and budget.



# UAF Life Sciences Research and Teaching Facility

UNIVERSITY OF ALASKA			
Project Name:	Life Sciences Research and Teaching and Facility		
MAU:	UAF		
Building:	New-Life Sciences Facility	Date:	August 9, 2011
Campus:	Fairbanks	Prepared By:	Wohlford
Project #:	LFRF 2010100	Account No.:	512035-50216
Total GSF Affected by Project:	101,100		
PROJECT BUDGET		Budget	Actual
<b>A. Professional Services</b>			
Advance Planning, Program Development		\$0	\$0
Consultant: Design Services		\$5,787,572	\$5,787,572
Consultant: Construction Phase Services		\$1,162,000	\$384,595
CM@Risk Preconstruction Services		\$378,005	\$378,005
Misc Consulting and Peer Reviews		\$317,000	\$186,907
Soils Testing & Engineering		\$0	\$0
Special Inspections		\$0	\$0
Plan Review Fees / Permits		\$275,000	\$0
Other		\$0	\$0
<i>Professional Services Subtotal</i>		<b>\$7,919,577</b>	<b>\$6,737,079</b>
<b>B. Construction</b>			
General Construction Contract (s)		\$67,700,000	\$24,067,077
Other Contractors (List: West Riedge Parking, Building Relocations)		\$1,378,159	\$1,218,248
Construction Contingency		\$3,051,945	\$0
<i>Construction Subtotal</i>		<b>\$72,130,104</b>	<b>\$25,285,325</b>
<i>Construction Cost per GSF</i>		<b>\$713.45</b>	
<b>C. Building Completion Activity</b>			
Equipment		\$500,000	\$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	\$2,272
Maintenance/Operation Support		\$250,000	\$55,389
<i>Building Completion Activity Subtotal</i>		<b>\$2,500,000</b>	<b>\$57,661</b>
<b>D. Owner Activities &amp; Administrative Cost</b>			
Project Planning and Staff Support		\$3,714,736	\$1,443,603
Project Management		\$2,144,333	\$276,672
Misc Expenses: Advertising, Printing, Supplies		\$169,250	\$60,111
<i>Owner Activities &amp; Administrative Cost Subtotal</i>		<b>\$6,028,319</b>	<b>\$1,780,386</b>
<b>E. Total Project Cost</b>		<b>\$88,578,000</b>	<b>\$33,860,451</b>
<i>Total Project Cost per GSF</i>		<b>\$876.14</b>	<b>Remaining Budget</b>
<b>F. Total Appropriation(s)</b>		<b>\$88,578,000</b>	<b>\$54,717,549</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) TPC Increase September 2011 for \$303,000
- West Ridge Steam Capacity Expansion (\$15M)
- Arctic Health Greenhouse (\$5,325,000) - Refer to AHRG CIP Update

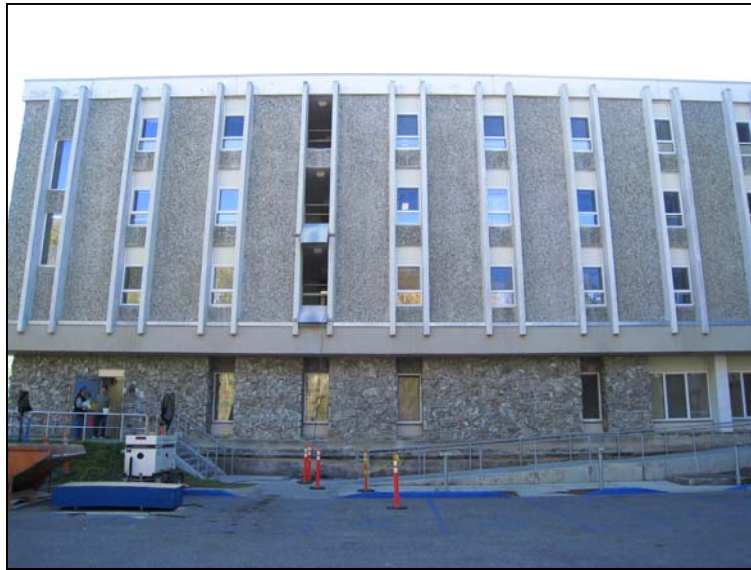


UAF Life Sciences Facility (LFRF)

August 2011 CIP Update

# Skarland Hall Shower Repairs

Substantially Complete



## Project Description

This project demolished and reconfigured the shower rooms and toilet areas on all three residence floors of Skarland Hall, because the infrastructure of the shower and toilet areas were failing. The reconfiguration included bringing the ventilation and electrical systems up to current standards, including ADA regulations and codes. This project also provided increased security, especially in the shower rooms. During construction, Skarland Hall was 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.

### Funding Source:

Residence Life Auxiliary Funds  
 FY11 R&R Funding

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

### Board of Regents Approval & Motions:

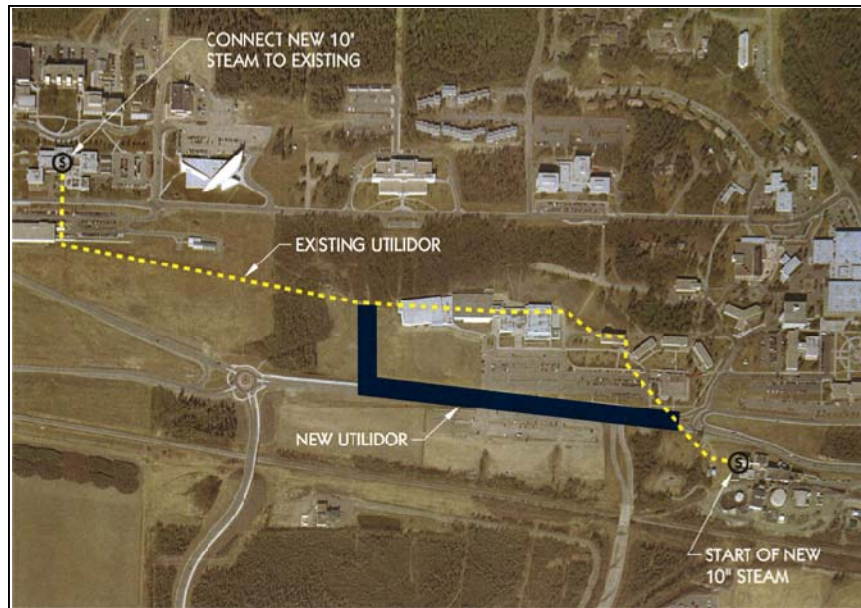
Formal Project Approval September 24, 2009  
 Schematic Design Approval May 4, 2010

### Status Update:

Substantial completion inspection occurred in early April 2011. Residence Life has re-occupied Skarland Hall as of mid- May. The project is 98% complete.



# 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 Research 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:

GO Bond (Life Sciences)

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

**DB Contractor:** Kiewit Building Group  
 Design Alaska

## Board of Regents Approval & Motions:

Formal Project Approval November 9, 2011

Schematic Design Approval April 8, 2011

## Status Update:

Design-Build Qualifications were received May 10, 2011. Three contractors were short-listed and proposals were received. Kiewit Building Group had the highest ranked proposal and a Notice of Intent to Award was issued June 30, 2011. The bids were about \$2M lower than the estimate and an additional water line was added to the project to improve fire protection capabilities on the West Ridge. Construction is scheduled to begin August 29, 2011 and completion is expected in the fall of 2012.



# 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 – 1/2012
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: Final contract closeout is in progress.

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 assuming DOT&PF makes a determination on road alignment soon.





# 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

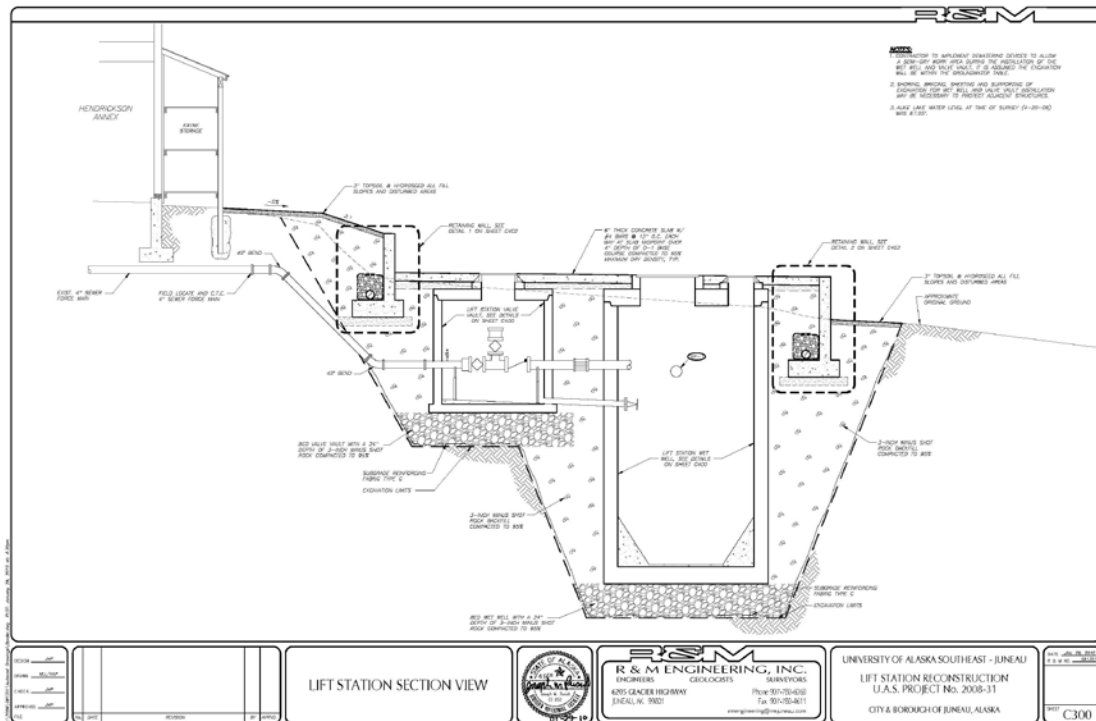
Formal Project Approval	December 2010
Schematic Approval (Phase 1)	April 2011

## Status Update:

Phase 1 has been bid in two increments: North Entry improvements are completed and the South entry improvements have been awarded with work starting in September.



# 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 was awarded to Southeast Earthmovers and construction is scheduled to be completed by mid September.



# 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
Schematic Approval	July 2011

## Status Update:

Design development plans are due in early September.



