UNIVERSITY of ALASKA
Many Traditions One Alaska

CAPITAL PROJECT MASTER SCHEDULE

Key to Symbols:

- PA — Preliminary Administrative Approval
- F — Formal Project Approval
- S — Schematic Design Approval
- P1 — Phased Project Approval (# indicates Phase)
- FS — Formal Project/Schematic Design Approval
- T — Total Project Cost / Scope Change
- C — Construction Completion
- R — FInal Project Report

Design · Bid · Delays · Construction · Warranty

Progress Status

As of November 14, 2011

Project Approval Level Main Campus > $500,000 Community Campus > $250,000	FY07		FY08		FY09		FY10		FY11		FY12		FY13		FY14		FY15		FY16	
	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4
UAA PROJECTS																				
Allied Health Science - Phase 1 (2nd Floor Renovations) TPC $784.3K													PA	F			C	R		
Beatrice McDonald Renewal TPC $14.6M													PA	F		S		C		R
Sports Arena TPC $109.0M											PA			F		F	S			C		R
Engineering and Industry Building TPC $117.0M										PA				F		F		S		C		R
Wendy Williamson Auditorium Lighting Replacement TPC $708K										PA		F		S				C	R	
Health Sciences Phase 1 TPC $46.5M						PA		F		S				C				R		
ULB & ULA Roof Replacements TPC $925K								PA						F	S	T		C	R	
Science Building Renovations TPC $13.0M							PA		F		F	P1		S	P2		P3	S		C		R
MAC Housng Sprinkler Upgrades Phase 6 TPC $655K						F								S			C		R	
KPC Soil Remediation TPC $418K										PA	FS		T			T		C	R	
KPC Career and Techical Education Center TPC $14.5M												PA	F		S			C		R
KPC Student Housing Project TPC $17.8M												PA	F		S			C		R
KPC Sprinkler Renovation TPC $429.4K												PA	F	S			C		R	
KPC Ward Building Boiler Replacement TPC $562.5K												PA	F		S		C		R	
MSC Paramedic Program/Classroom Addition TPC $3.6M									PA		F				S			C		R
MSC Valley Center for Arts & Learning TPC $20.0M												PA		F		S			C			R
PWSCC Wellness Center/Campus Renewal TPC $5.0M									PA		F				S			C			R	

Allied Health Science Renovations

Project Description:

Phase 1---Demolition and replacement of the 2nd floor labs (moved to Health Science Bldg.) into classrooms and mock up exam space for teaching Radiologic Technology and Diagnostic Medical Sonography (East), Medical Assisting (West) and EMT (Emergency Medical Services).
Phase 2—Upgrade and renewal of mechanical systems.
Phase 3---Renovation of 1st Floor

Schedule (PHASE 1):

Planning & Design:	July 2011—Jan.2012
Advertising & Award:	Feb. 2012—Apr.2012
Construction:	May 2012---Aug. 2012

Total Project Cost:
$4,568,258 -all phases; $784,258 - phase 1.

Board of Regents Approval & Motions:
Prelim Administrative Approval: (initial) April 2011
Prelim Administrative Approval: (includes Phases 2 & 3)) October 7th, 2011
Formal Project Approval: Sept. 7th , 2011 (Phase 1 only)
Schematic Design Approval: approved November 2011 (Phase 1 only)

Status Update:
Meeting was held October 6th for 65% review drawings w/ consultants and UAA stakeholders. Next meeting is scheduled for Jan. 10th to review 95% drawings. 100% drawing /bid set due Jan. 24th. Bid will be advertised in Feb. Construction to start in May. Completion in August for Fall Semester 2012 occupancy.
No change in scope.

Beatrice McDonald Hall Renewal

Project Description:
Complete renovation of the Beatrice McDonald Hall, built in 1970 and located on the main UAA campus. Will include HAZMAT abatement, replacement of boiler and mechanical systems, replacement of electrical systems, roof replacement, elevator upgrade, and architectural interior and exterior improvements.

Schedule:

Planning & Design:	July 2011 –January 2013
Advertising & Award:	November --December 2012
Construction:	Jan 2013
Occupancy	August 2014

Total Project Cost:
$14,600,000

Board of Regents Approval & Motions:

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

Status Update:
Architects Alaska has been awarded the Design Contract for Phase 1 and is proceeding with programming & pre-design. The initial kick off meeting occurred on 8 September 2011 and Department interviews began on 7 October. Arrangements are being made to relocate faculty and staff and to prepare for renovations. Logistics for moving and storing specimens are being developed.

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: A well-attended Ground Breaking ceremony took place on September 9. BOR approvals received September 23 for Schematic Design, CMAR process, and limited site clearing. The project design team continues work on Design Development drawings. A RFP for the CMAR Preconstruction contract has been advertised with proposals currently due November 22. Limited site clearing/grubbing (<2 acres) is now nearly complete. UDC and Community Council presentations are scheduled for December.

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 will include: labs for communications, electrical engineering, fluids, heat and mass transfer, soils mechanics, photogrammetry/cartography/GIS, seismic and earthquake engineering, foundation engineering, transportation and highway engineering, land surveying, machine shop, wood shop, "dirty" project yard and conferencing/collaborative learning areas. The project will also include renovation of the existing building and 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	September 2011

Status Update:
Design workshops are in progress and Schematic Design is scheduled to be complete in May 2012..

UAA 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:
$707,529.00

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 28, 2011

Status Update:

Contract was awarded on May 6, 2011. Contractor was able to accomplish some of the minor work ahead of schedule in September such as the replacement of the step lights. Official start date of Nov. 7th was moved up to Nov. 1st. Demolition of incandescent light fixtures has been accomplished. Stepped ledges for cove lighting in lobby is under construction. On schedule.

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:

The Building was completed in August 2011 and placed into operation for the Fall semester. A Grand Opening Ceremony was held on October 7, 2011. Art Selection is on-going. Project close-out is in progress.

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 (ULB) and the University Lake Annex Buildings (ULB Annex). 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 (ULB Annex roof deferred until May 2012)
Warranty:	15 years after construction completion

Total Project Cost:

$925,000

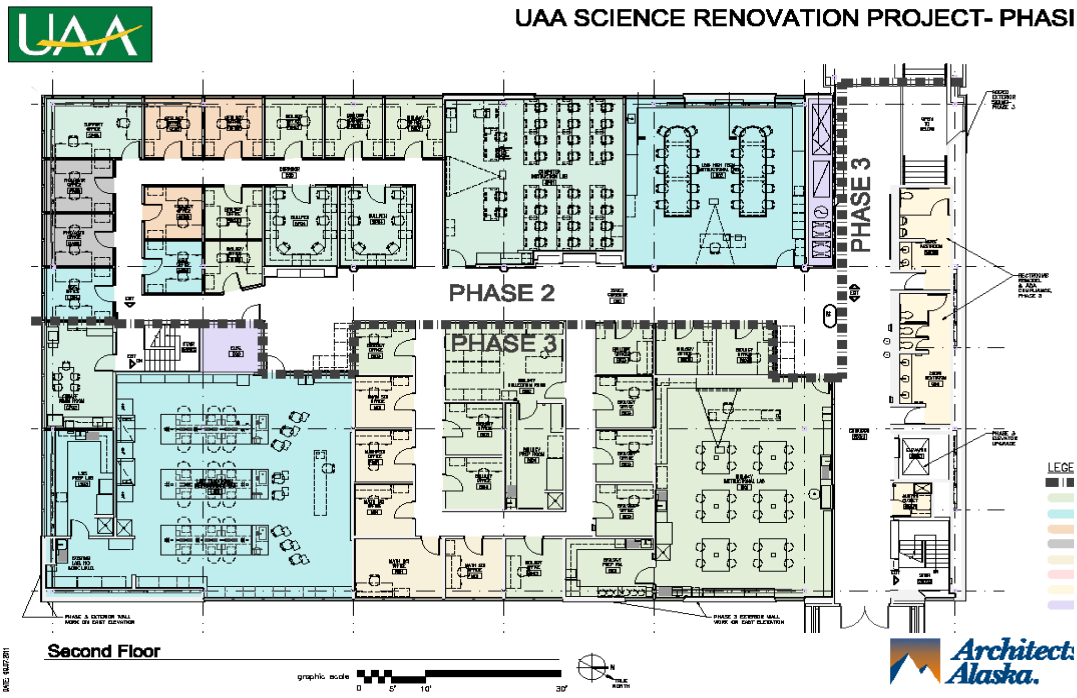
Board of Regents Approval & Motions:

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

Status Update:

Although the ULB roof was successfully completed this summer, rains delayed the Contractor from completing it until late in the season. The ULB Annex roof work is now scheduled to begin in May 2012.

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:	**Phase 2**	**Total Project Cost:**
Planning & Design:	Nov 2010 –Feb 2011	Ph I $2,645,600
Advertising & Award:	March 2011	Ph 2 $5,100,000
Construction:	May 2011 –April 2012	Ph 3 $5,300,000
Warranty:	1 year after construction completion	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 – Construction is 90% complete and ahead of schedule.

Phase 3 - Design is 95% complete and will be advertised in Spring 2012.

UAA MAC Housing Fire System Upgrade

Phase VI, Building 6

Project Description:
Provide fire alarm and fire sprinkler system in Building 6. Buildings 1-5 are complete. Completion of Building 6 will complete the project.

Schedule:	**Phase VI, Building 6**	**Total Project Cost:**
Planning & Design:	Thru February 2012	$655,000
Advertising & Award:	February 2012 – March 2012	
Construction:	May 2012- August 2012	
Warranty:	1 year after construction completion	

Board of Regents Approval & Motions:

Formal Project Approval:	January 2008
Schematic Design Approval:	November 2011

Status Update:
The project is currently in design, and is on schedule for advertising and award in February-March 2012. Work will begin at the end of Spring Semester 2012 and be complete for Fall Semester 2012.

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:
$418,130

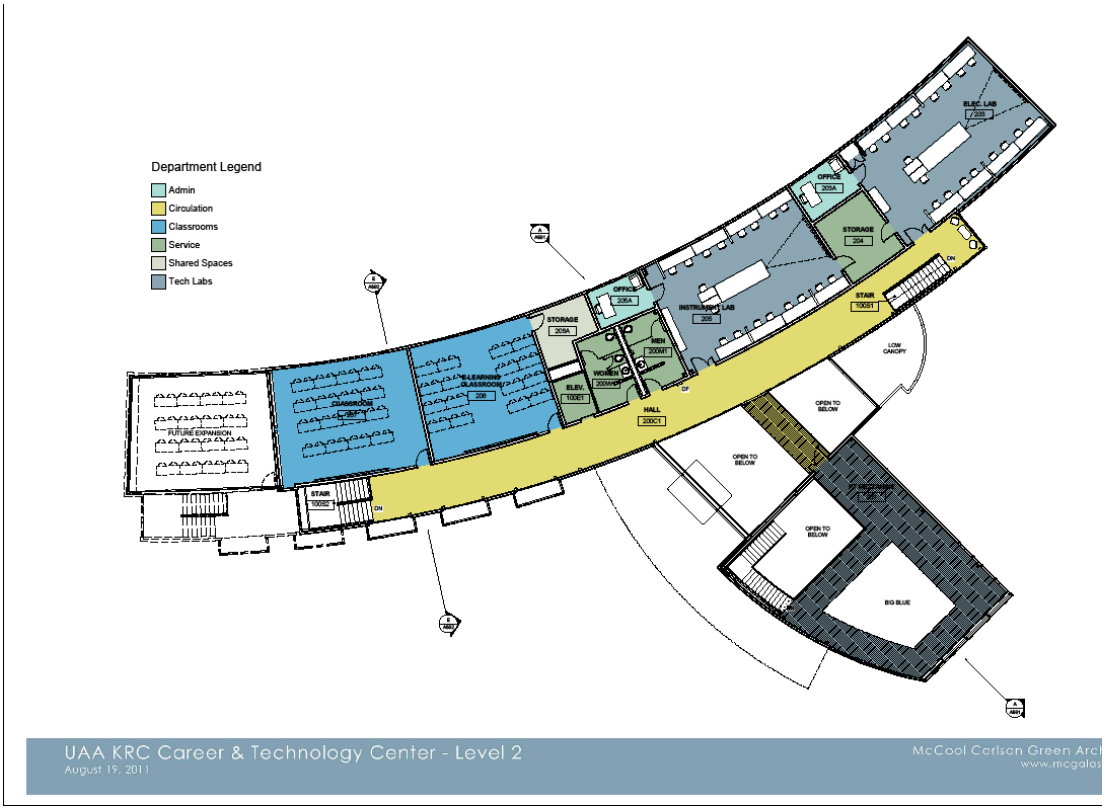
Board of Regents Approval & Motions:

Prelim Administrative Approval	February 9, 2010
Formal Project Approval	February 17, 2010
Schematic Design Approval	February 17, 2010
Project Change Approved	$36,000 on 6/1/10, $7,130 on 10/21/11

Status Update:

Two thirds of the soil tested clean this September, below 250 mg/kg. One third of the soil has diesel organics at 1,550 mg/kg. The clean soil was pushed into the excavation at the end of October and the contaminated soil has been spread out to bio-remediate this winter. Next summer we will continue to till the contaminated soil, test at the end of summer, if clean, then push into the excavation and plant trees. Final outcome is a letter from the ADEC stating no further action needed on this site.

UAA Kenai Campus Career &Technical Center



Project Description

A new building for Process Technology, electronics and instrumentation programs, approximately 17,000 sf.

Schedule:

Planning & Design:	Jun 2010 – Jan 2012
Advertising & Award:	Feb - Mar 2012
Construction:	May 2012 – Aug 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:	September 2011
Total Project Cost Increase:	N/A

Status Update:

McCool Carlson Green is on track for a Spring 2012 Advertising and Award.

UAA Kenai Campus Student Housing

Project Description
New student housing with 96 Student beds.

Schedule:

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

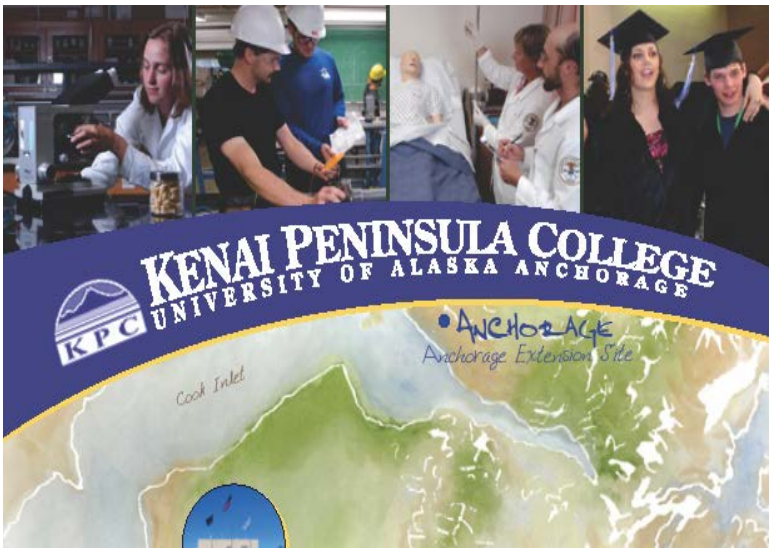
Total Project Cost:
$17,800,000

Board of Regents Approval & Motions:

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

Status Update:
Bettisworth North is continuing to work on the design. 65% submittal is due 12/12/11. Work is progressing for a Fall 2013 opening.

UAA Kenai Sprinkler Renovation



Project Description

The fire sprinkler systems in the Ward, Goodrich, McLane and Brockel buildings were designed to work with the existing water well and fire pump system which has been replaced with a new public water line with a lower operating pressure and different flow rates. The sprinkler pipes need to be resized to work with the new water pressure and flow rate.

Schedule:

Planning & Design:	September – February 2011
Advertising & Award:	March 2011
Construction:	May 2012- August 2012
Warranty:	1 year after construction completion

Total Project Cost:

$429,429

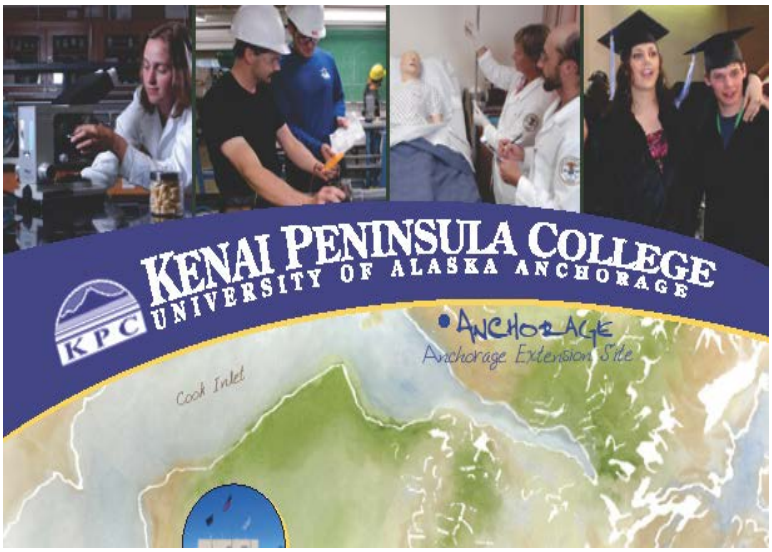
Board of Regents Approval & Motions:

Preliminary Project Approval:	September 9, 2011
Formal Project Approval:	September 9, 2011
Schematic Design Approval:	September 12, 2011
Total Project Cost Increase:	

Status Update:

Ceiling tile that has asbestos content will need to be abated. Design development is at 65%.

UAA Kenai Ward Boiler Replacement



Project Description
Replacement of two 28 year old boilers in Ward building with new, more efficient technology.

Schedule:

Planning & Design:	September – November 2011
Advertising & Award:	January - March 2012
Construction:	May 2012- August 2012
Warranty:	1 year after construction completion

Total Project Cost:
$562,500

Board of Regents Approval & Motions:

Preliminary Project Approval:	September 14, 2011
Formal Project Approval:	September 14, 2011
Schematic Design Approval:	Pending
Total Project Cost Increase:	

Status Update:
RSA Engineering will have bid documents in December 2011.

Mat-Su College Paramedic/Nursing Lab Addition

Project Description:

GO Bond funded, 6400gsf addition to the Mat-Su campus. The Snodgrass Hall addition will include new classrooms, offices, labs, workspace and storage for the paramedic and nursing programs.

Schedule:

Planning & Design:	February 2011-March 2012
Advertising & Award:	April 2012
Construction:	May 2012 – August 2013
Warranty:	1 year after construction completion

Total Project Cost:
$3,625,000

Board of Regents Approval & Motions:

Prelim Administrative Approval:	February 2009
Formal Project Approval:	November 2010
Schematic Design Approval:	September 2011

Status Update:

Schematic design approval by the FLMC Chair was in September 2011. Design is on schedule for advertising in Spring 2012.

Mat-Su Valley Center for Arts & Learning

Project Description:
The project will design and construct a new facility that will provide a theater/auditorium of approximately 500 seat for lectures, public gatherings and conferences, a music classroom, drama lab, instrument storage, display areas, and gathering/study spaces.

Schedule:

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

Total Project Cost:
$20,000,000

Board of Regents Approval & Motions:

Prelim Administrative Approval:	February 2009
Formal Project Approval:	November 2011

Status Update:

Conceptual design and cost estimate have been completed. Formal Project Approval was granted at the November BOR meeting.

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; 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:	February 2009
Formal Project Approval	December 2010
Schematic Design Approval	September 2011

Status Update:

Schematic design has been completed and the final design is in progress. Construction bid documents are scheduled to be ready at the end of November, and the Construction Contract will be advertised in December/January.

CAPITAL PROJECT MASTER SCHEDULE

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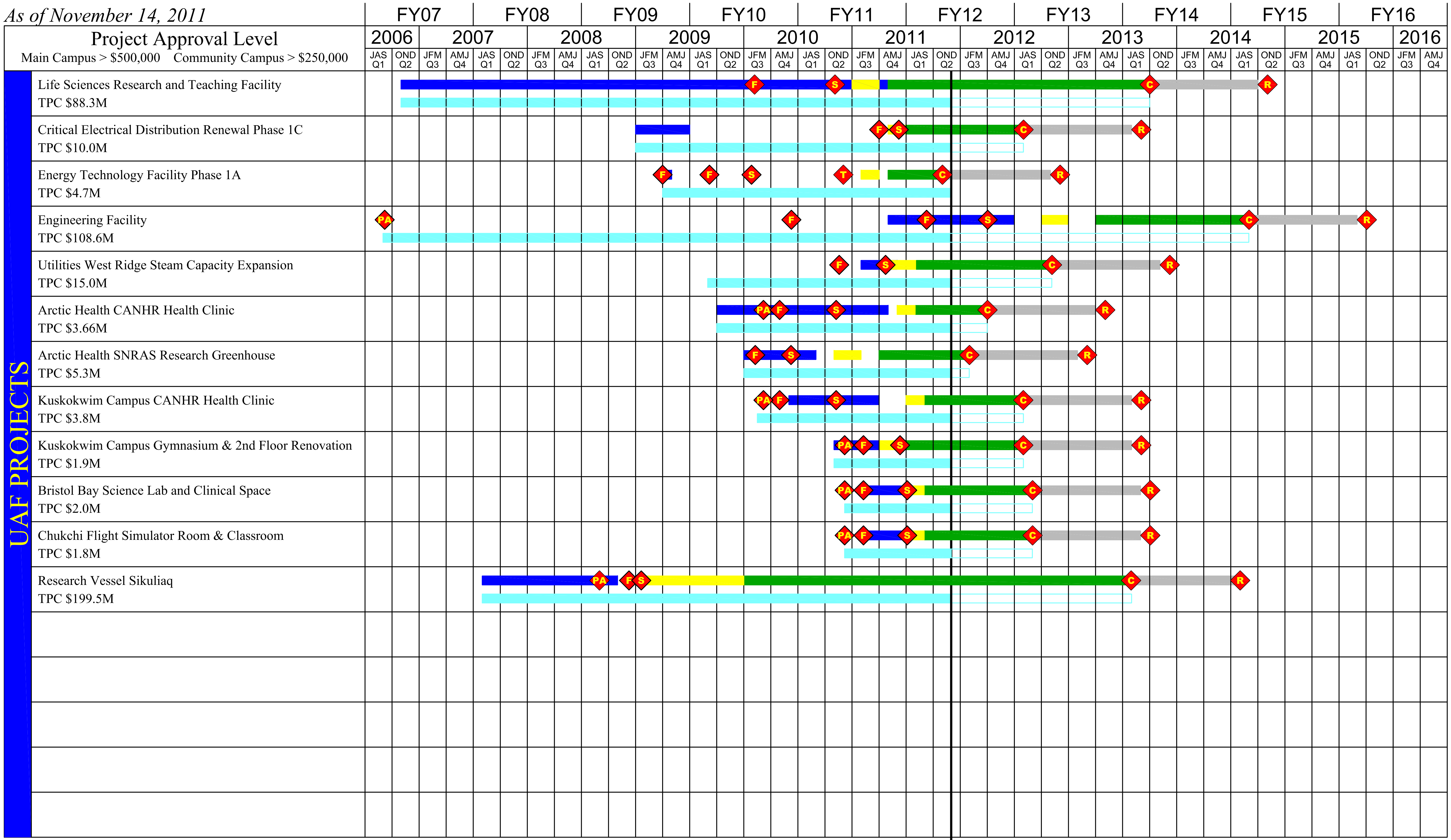
Design | Bid | Delays | Construction | Warranty

Progress Status

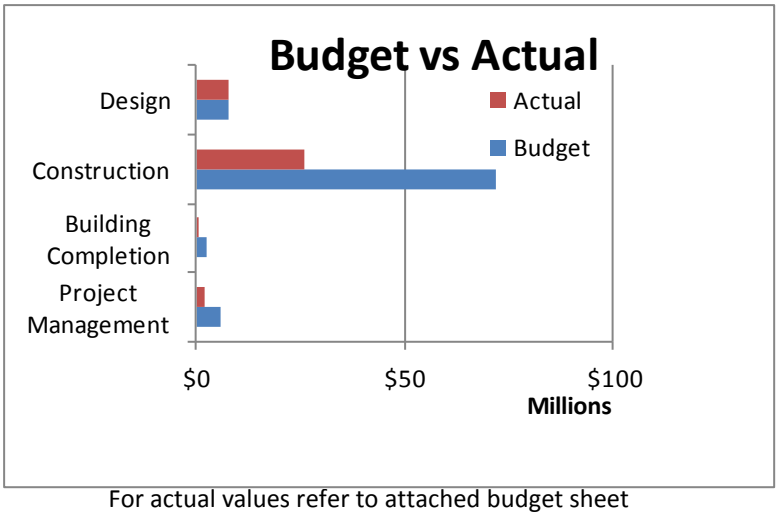
As of November 14, 2011



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.



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:

Roofing work is complete on the penthouse and has moved to the lower roof on the 3rd level. Exterior studs are complete and insulation on the outside is being installed. The building is being wrapped in a new weather barrier called frog-skin. Window installation is in progress. Plumbing for roof drains and the waste/vent is proceeding in the upper floors. Electrical conduit installation in the on-grade slabs is complete with the exception of the chilled water plant room which is waiting on some equipment vendor clarification. All civil work is complete for the year. On Friday, October 21, UAF and the contractor removed the lift station pumps from the State Virology Lab and connected it to the new gravity sewer system: a big milestone and improvement of service for that facility. The design is nearing completion with final bidding questions and addenda items being completed by November 7, 2011. The final piece of the construction contract will be in place by the end of November 2011. Overall, the project remains on budget and well ahead of schedule.

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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:		October 25, 2011	
Campus:	Fairbanks	Prepared By:		Wohlford	
Project #:	LFRF 2010100	Account No.:		512035-50216	
Total GSF Affected by Project:		101,100			
PROJECT BUDGET				Budget	Actual
A.	**Professional Services**				
	Advance Planning, Program Development			$0	$0
	Consultant: Design Services			$5,787,572	$5,787,572
	Consultant: Construction Phase Services			$1,276,686	$1,276,686
	CM@Risk Preconstruction Services			$378,005	$378,005
	Misc Consulting and Peer Reviews			$191,400	$186,907
	Soils Testing & Engineering			$0	$0
	Special Inspections			$125,000	$0
	Plan Review Fees / Permits			$100,000	$0
	Other			$0	$0
			Professional Services Subtotal	**$7,858,663**	**$7,629,170**
B.	**Construction**				
	General Construction Contract (s)			$67,700,000	$24,803,604
	Other Contractors (List: West Ridge Parking, Building Relocations)			$1,380,159	$1,221,079
	Construction Contingency			$3,052,035	$0
			Construction Subtotal	**$72,132,194**	**$26,024,683**
	Construction Cost per GSF			***$713.47***	
C.	**Building Completion Activity**				
	Equipment			$500,000	$0
	Fixtures			$150,000	$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	$7,206
	Maintenance/Operation Support			$250,000	$82,089
			Building Completion Activity Subtotal	**$2,550,000**	**$89,296**
D.	**Owner Activities & Administrative Cost**				
	Project Planning and Staff Support			$3,714,339	$1,518,442
	Project Management			$2,153,555	$409,127
	Misc Expenses: Advertising, Printing, Supplies			$169,250	$71,240
			Owner Activities & Administrative Cost Subtotal	**$6,037,143**	**$1,998,809**
E.	**Total Project Cost**			**$88,578,000**	**$35,741,957**
	Total Project Cost per GSF			***$876.14***	**Remaining Budget**
F.	**Total Appropriation(s)**			**$88,578,000**	**$52,836,043**

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 December 2011 for $303,000

-West Ridge Steam Capacity Expansion ($15M)

-Arctic Health Greenhouse ($5,325,000) - Refer to AHRG CIP Update

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.

Schedule Phase 1C:

Planning & Design:	January 2009 - June 2009
Advertising & Award:	May-July 2011
Construction:	July 2011 - August 2012

Total Project Cost:

$10,000,000

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 was delivered on September 15, 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.

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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 building enclosure is complete. Mechanical and electrical systems continue to be installed. Completion is on schedule for November 18, 2011.

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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-March 2013
Advertising & Award:	TBD
Construction:	TBD
Architect/Engineer:	ECI/Hyer & NBBJ
General Contractor:	TBD

Total Project Cost:

$108,600,000

Funding Source:

- FY 11 Capital Appropriation for $4,000,000.

Board of Regents Approval & Motions:

Preliminary Project Approval	September 9, 2006
Formal Project Approval	June 4, 2010
Amended Formal Project Approval	September 23, 2011
Schematic Design Approval	Anticipated April 2012

Status Update:

On September 23, 2011, the Board of Regents passed the amended Formal Project Approval for the University of Alaska Engineering Facility Projects for UAA and UAF. This approval will allow the design to proceed to Schematic level (35%). Schematic Design Approval is anticipated for submittal to the BoR April 2012 meeting. The selected site is termed "Duckering South" located between Duckering and Bunnell. The proposed new facility will have five floors blending with surrounding buildings while standing out as a new and exciting campus destination. The proposed new facility maintains full connectivity to the existing Duckering building.

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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
Architect/Engineer:	PDC Inc. Engineers
DB Contractor:	Kiewit Building Group Design Alaska

Total Project Cost:

$15,000,000

Funding Source:

UA Revenue Bond
GO Bond (Life Sciences)

Board of Regents Approval & Motions:

Formal Project Approval	November 9, 2011
Schematic Design Approval	April 8, 2011

Status Update:

A Design-Build contract was awarded to Kiewit Building Group on June 30, 2011. Construction on the east section of the utilidor was started on August 29, 2011. Exterior construction is shut down between October 2011 and May 2012. Piping work within the new and existing utilidors will be done during the 2011-12 winter. Completion is expected in the fall of 2012.

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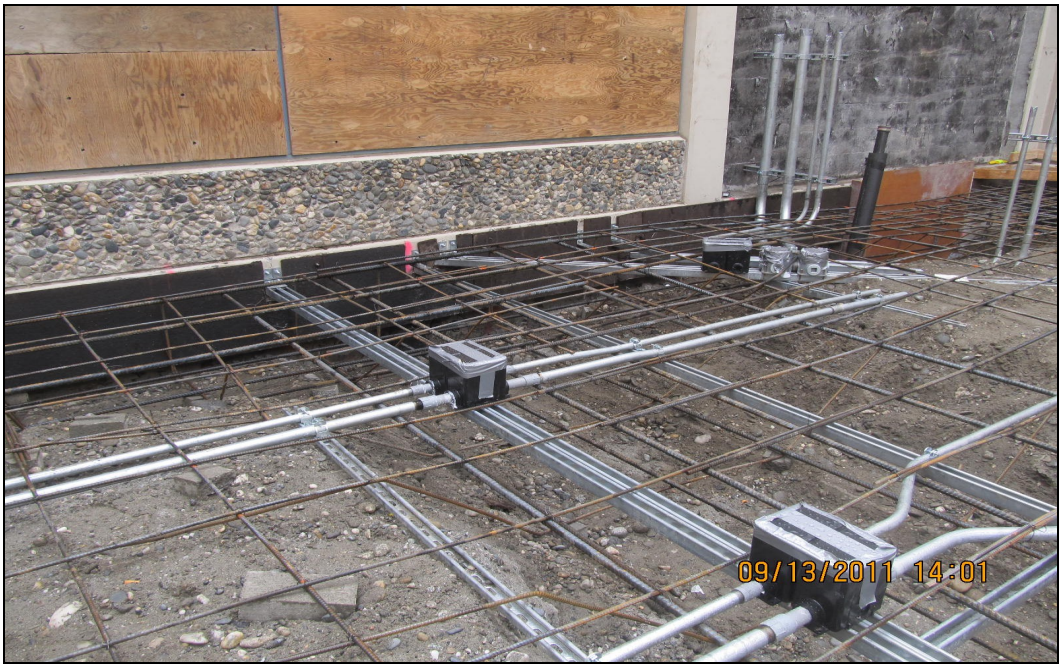
Arctic Health CANHR Health Clinic



Project Description

This project will build about 3,200 gsf of new space and renovate another 2,800 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:		**Total Project Cost:**
Planning & Design:	October 2009-April 2011	$3,657,000
Advertising & Award:	June-July 2011	**Funding Source:**
Construction:	August 2011-March 2012	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:

Concrete was poured on September 13, 2011 for the foundation, and the structural steel arrived September 23, 2011. The current schedule required the contractor to install a bubble over the infill area to allow for sufficient heating in order for the concrete to cure properly. The electrical rough-in and the plumbing within the slab are complete.

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Arctic Health SNRAS Research Greenhouse

Project Description

This project will replace the West Ridge Greenhouse which was 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:		**Total Project Cost:**
Planning & Design:	January-August 2010	$5,325,000
Advertising & Award:	November 2010-January 2011	**Funding Source:**
Construction:	April 2011– January 2012	UA Revenue Bond
Architect/Engineer:	Design Alaska, Inc.	GO Bond
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:

GHEMM Company, Inc. continues to move forward with the greenhouse glazing and trim-out. Plumbing, mechanical, and electrical rough-in continues on the lower greenhouse units and in the mechanical rooms. Fire sprinklers are about 60% complete throughout. The next steps in construction will be to install the gypsum wallboard in the upper greenhouse gallery and cut in the doors between the headhouse and the receiving area.

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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:	October 2011 - August 2012
Architect/Engineer:	Livingston Slone, Inc.
General Contractor:	Denali General Contractors, Inc.

Total Project Cost:

$3,800,000

Funding Source:

NIH C06 Grant/USDE Title III 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 ($3.8M 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 started work in October. Substantial completion is currently scheduled for August 1, 2012.

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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, 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:	October 2011-August 2012

Total Project Cost:

$1,928,500

Funding Source:

USDE Title III Grant

Architect/Engineer: Livingston Slone, Inc.

General Contractor: Denali General Contractors, Inc

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:

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 started work in October. Substantial completion is currently scheduled for August 1, 2012.

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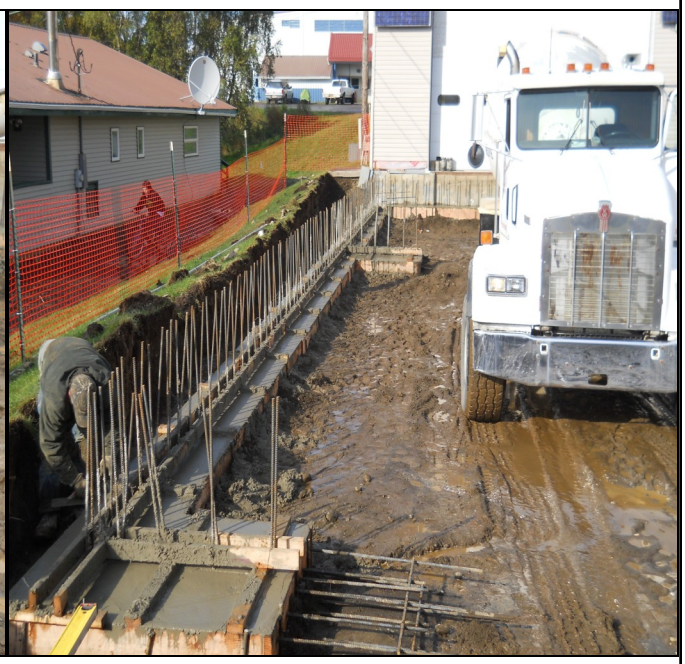
Bristol Bay Science Lab and Clinical Space



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: Coho Contractors, LLC

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 the construction contract was awarded to Coho Contractors, LLC. Construction began the end of August 2011.

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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:		**Total Project Cost:**
Planning & Design:	February-June 2011	$1,804,960
Advertising & Award:	July 2011	**Funding Source:**
Construction:	August 2011-September 2012	USDE Title III Grant

Architect/Engineer: NVision Architecture

General Contractor: UIC Contractors, LLC

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 the construction contract was awarded to UIC Contractors, LLC. Construction began the end of August 2011 and will continue into 2012.

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Research Vessel Sikuliaq

Project Description

The R/V Sikuliaq (formerly the Alaska Region Research Vessel) is a 261-foot oceanographic research vessel capable of performing complex science in the ice-choked waters of Alaska and the polar regions. When complete the ship will be one of the most advanced university research vessels in the world and will be able to break ice up to 2.5 feet thick.

Schedule:		**Total Project Cost:**
Planning & Design:	August 2007-October 2008	$199,500,000
Advertising & Award:	February 2009-December 2009	**Funding Source:**
Construction:	January 2010-July 2013	NSF Cooperative Agreement

Architect/Engineer: Glosten Associates

General Contractor: Marinette Marine Corporation

Approvals & Motions:

Preliminary Project Approval	Board of Regents: September 2008
Formal Project Approval	National Science Foundation: December 2008
Schematic Design Approval	National Science Foundation: December 2008

Status Update:

Work has begun in Building 4 on a few panels for Module 853. Modules 841, 42,43, 36, 37, 79, 51, 24, 25, 12, 11, 21, and 23 are currently in various phases of construction in Building 10. Module 822 has now been moved in front of 39 lower, 31, 32, 33, and 34 and is being trimmed and made ready to join together. Module 835 is in the blast bay at the blast and paint shop. See the attached drawing for more detail.

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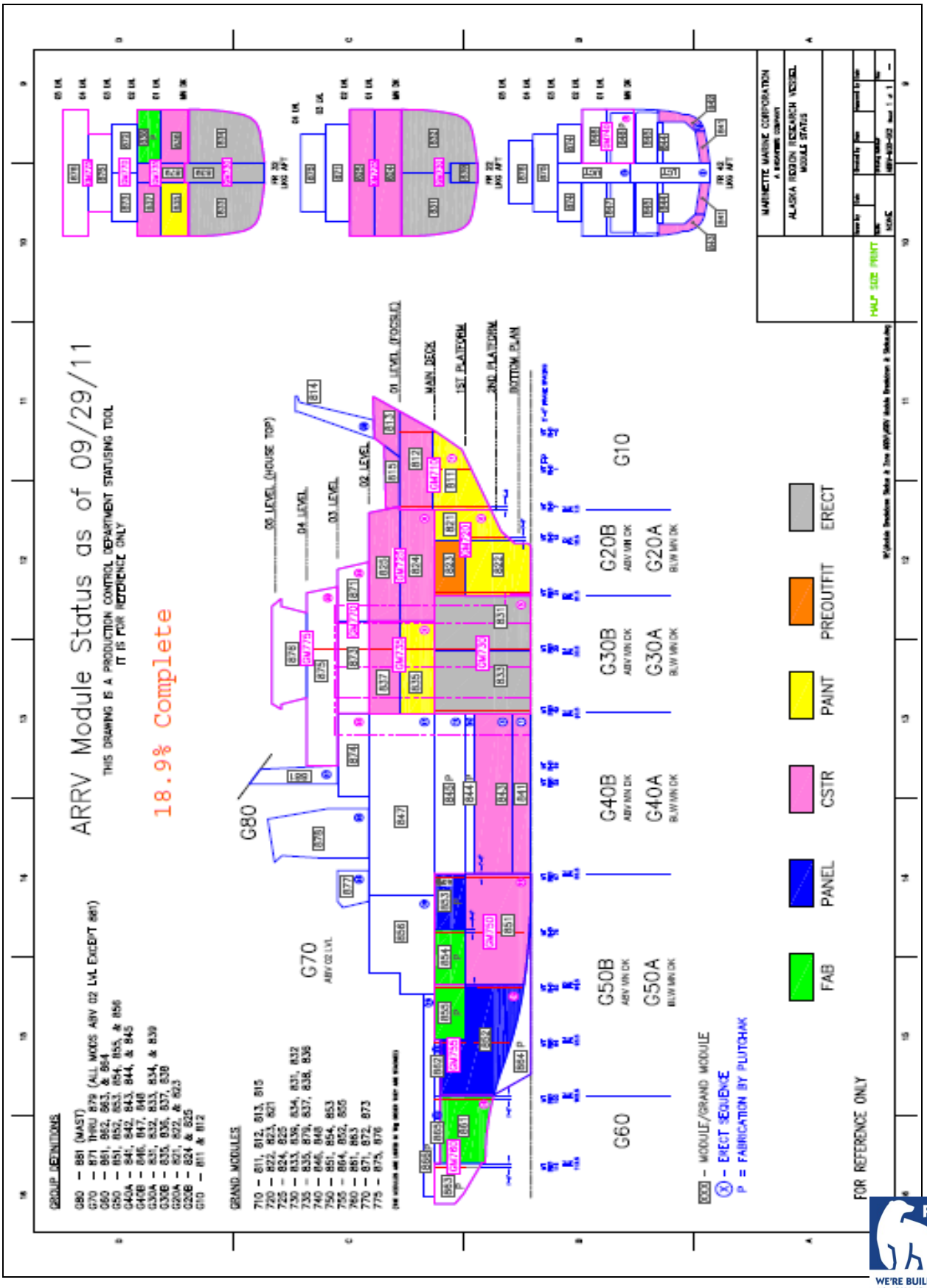
UAF Facilities Services

Research Vessel Sikuliaq



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UAF Facilities Services

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CAPITAL PROJECT MASTER SCHEDULE

Key to Symbols:

- PA — Preliminary Administrative Approval
- F — Formal Project Approval
- S — Schematic Design Approval
- P1 — Phased Project Approval (# indicates Phase)
- FS — Formal Project/Schematic Design Approval
- T — Total Project Cost / Scope Change
- C — Construction Completion
- R — FInal Project Report

Design | Bid | Delays | Construction | Warranty

Progress Status

As of November 14, 2011

UAS PROJECTS

Project Approval Level Main Campus > $500,000 Community Campus > $250,000	FY07		FY08		FY09		FY10		FY11		FY12		FY13		FY14		FY15		FY16	
	2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016	
	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4	JAS Q1	OND Q2	JFM Q3	AMJ Q4
Anderson Building Remodel and Pedestrian Access TPC $109.0M					F	S	P1						P2	C			R			
Auke Lake Way Corridor Improvements TPC $985K		F							F	S	P1	P2		C			R			
Juneau Campus Lift Station Replacement TPC $708K									FS			C		R						
Sitka Career & Technical Education Center TPC $70.0M									F		S	T		C			R			
Ketchikan Ziegler Building Roof Replacement TPC $46.5M									FS			C		R						

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:

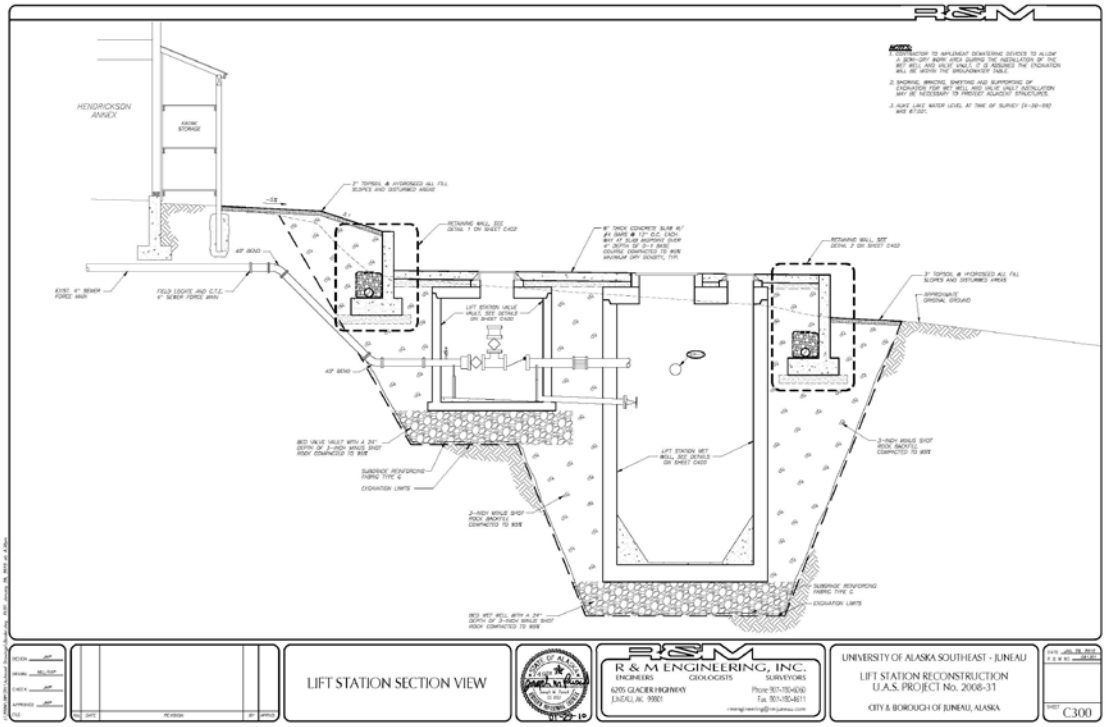
	Building Remodel	Pedestrian Access
Final Design	9/2008 –9/2009	3/2009 – 1/2012
Bid & Award	10/2009-11/2009	2/2012 -3/2012
Construction	12/2009 – 9/2010	4/2012 – 10/2012

Project Approvals:

Formal Project Approval	September 2008
Schematic Approval	February 2009

Status Update:
Building Remodel: Construction contract is completed.
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.

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 October 2011

Project Approvals

Formal Project Approval	October 2010
Schematic Design Approval	October 2010

Status Update:

Work is substantially complete.

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:	**Phase 1**	**Phase 2**
Planning & Design	1/2011 – 9/2011	8/2011-3/2012
Bid & Award	5/2011 – 6/2011	4/2012
Construction	4/2011 - 10/2012	5/2012-11/2012

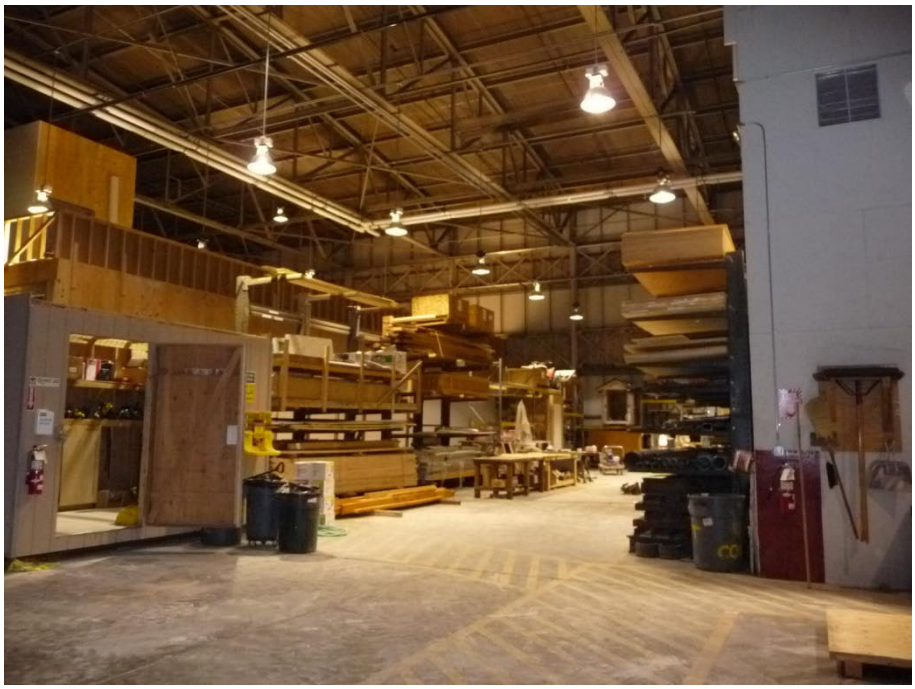
Project Approvals

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 are underway with completion now due in April 2012. Phase 2 is in schematic design phase.

Sitka Career & Technical Education Center



Project Description:

A Title III grant is providing funding over 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 ($3,755,000 requested)**

Project Schedule

Planning & Design	11/2008 – 9/2009
Bid & Award	11/2011 – 12/2011
Construction:	1/2012 - 10/2012

Project Approvals

Formal Project Approval	December 2010
Schematic Approval	July 2011
Total Project Cost Increase (requested)	November 2011

Status Update:

Construction phase documents are completed and project is being advertised for bids.