## Capital Projects Master Schedule

### Key to Symbols:
- **P**: Preliminary Admin. Approval
- **S**: Schematic Approval
- **P/S**: Project/Schematic Approval
- **TPC**: TPC Increase
- **D**: Design
- **B**: Bid or Interim Construction
- **C**: Winter Break
- **O**: Construction
- **CC**: Contract Completion
- **C/C**: Delayed
- **PL**: Project Life Line
- **FC**: Final Completion

### Original/Current Total Project Cost:
- **$5.5M**:
  - Arctic Health Lab Revitalization Phase II
  - TVCC Revitalization Phase III - Exterior Envelope
- **$7M**:
  - Northwest Campus Deferred Renewal
- **$9.54M**:
  - Critical Electrical Distribution Renewal Phase 1A
- **$3.5M**:
  - Kuskokwim Heat Exchanger & Maintenance Items
- **$5.187M**:
  - Kuskokwim Campus Interior Upgrade
- **$1.088M**:
  - Yukon Flats Energy Retrofit

### Projects:

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<td><strong>Arctic Health Lab Revitalization Phase II</strong></td>
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<td><strong>Northwest Campus Deferred Renewal</strong></td>
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</tbody>
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As of May 12, 2009
### UAS Projects

#### Auke Lake Trail Improvements
- **Project Approval Level:** $1.325M
- **Total Project Cost:** $1.325M

#### Anderson Building Renovation
- **Project Approval Level:** $10.7M
- **Total Project Cost:** $10.7M

#### Sitka Health Sciences Remodel
- **Project Approval Level:** $2.1M
- **Total Project Cost:** $2.1M

#### Paul Building Roof Replacement
- **Project Approval Level:** $520K
- **Total Project Cost:** $520K

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**Key to Symbols:**
- **PA:** Preliminary Admin. Approval
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- **W:** Winter Break
- **C:** Construction
- **C:** Contract Completion Delayed
- **C:** Contract Completion Delayed
- **C:** Contract Completion Delayed
- **C:** Contract Completion Delayed

**As of May 12, 2009**

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**As of May 1, 2009**
# Arctic Health Lab Revitalization Phase II

## Project Description
The scope of the work shall address deferred maintenance items, code correction, and non-deferred maintenance items in the west wing of the Arctic Health and Research Building.

## Schedule:
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<thead>
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<th>Planning &amp; Design:</th>
<th>Sept. 15, 2008 - March 1, 2009</th>
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</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>June 1, 2009 - June 1, 2010</td>
</tr>
</tbody>
</table>

## Total Project Cost:
$9,540,000

## Board of Regents Approval & Motions:
<table>
<thead>
<tr>
<th>Formal Project Approval</th>
<th>June 19, 2008</th>
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</thead>
<tbody>
<tr>
<td>Schematic Design Approval</td>
<td>December 2, 2008</td>
</tr>
</tbody>
</table>

## Status Update:
Design is 95% complete and a TPC Increase will be submitted for BoR approval in June. Contractor is Ghemm Co.
Project Description
This project will replace the entire existing exterior building envelope. The existing exterior envelope has failed and is currently estimated at an R-value less than 4.

Schedule:
- Planning & Design: July 1, 2008 - January 18, 2009
- Advertising & Award: January 18, 2009 - March 24, 2009
- Construction: March 24, 2009 - October 21, 2009

Total Project Cost:
$7,000,000

NEW Total Project Cost:
$7,400,000

Board of Regents Approval & Motions:
- Formal Project Approval: June 19, 2008
- Schematic Design Approval: September 19, 2008
- TPC Increase Approval: March 23, 2009

Status Update:
Ghemm Company of Fairbanks began work on-site April 15 and is in full swing employing a workforce of approximately 40 workers. The south side first floor demolition is complete. Demolition continues on the south side on floors 2 thru 4.
Northwest Campus Deferred Renewal

Project Description
This request will replace the steel pilings supporting the Nagozruk and Emily Brown Library buildings. The buildings are 25 years old and 33 years old respectively and the structural steel piles are corroding and deteriorating due to exposure to the elements. Large pieces of the pilings have fallen off. Additional work to be accomplished includes insulating of the Nagozruk Building. Replacing pilings and adding insulation will prolong the life of these buildings and reduce heating costs. Building relocation and insulation improvements may require rework of some exterior features.

Schedule:
Planning & Design: October 2, 2008 - Fall 2009
Advertising & Award: November - December 2009
Construction: March 9, 2010 - August 13, 2010

Total Project Cost:
$3,500,003
FY09 State Appropriation
$3,500,003

Board of Regents Approval & Motions:
Formal Project Approval September 19, 2008
Schematic Design Approval April 8, 2009

Status Update:
Soils report has been received. Design for new pilings and building moves are in progress.
Critical Electrical Distribution Phase IA

Project Description
This project consists of constructing a new double breaker switchboard in a new building that is separate from the existing Atkinson Power Plant but located in close proximity to the plant and its associated utilidors. The campus high voltage distribution will be increased from 4KV to 12KV. Phase 1 will provide one feeder converted to the higher voltage. Subsequent phases will convert the other feeders. Phase IA will construct approximately 660 linear feet of utilidor and two large cable vaults that will allow connection of the proposed switchboard (Phase 1B) to the existing utilidors. Phase 1A also includes an overall concept design of the three project phases, and complete construction documents for Phases 1A and 1B.

Schedule:
Planning & Design: January 10, 2009 - June 1, 2009
Advertising & Award: March 15, 2009 - April 25, 2009
Construction: June 15, 2009 - November 15, 2009

Total Project Cost
Phase 1A: $5,187,000

Board of Regents Approval & Motions:
Formal Project Approval: December 2, 2008
Schematic Design Approval: February 17, 2009

Status Update:
Kiewit Building Group was selected as the CM@R.
Construction will require the closure of Alumni Dr. for 3 weeks this summer.
Kuskokwim Campus Heat Exchanger & Maintenance

Project Description
Replacement of heat exchangers and associated piping in the Voc-Tech building and Sackett Hall. Replacement of windows and lift station in Sackett Hall, and installation of additional heat and pressurization in floor cavity to reduce the chance of freezing.

Schedule:
Planning & Design: December 2008 - January 2009
Advertising & Award: January - February 2009
Construction: May - September 2009
Occupancy: September 2009

Total Project Cost: $1,757,600

Board of Regents Approval & Motions:
Formal Project Approval: December 23, 2008
Schematic Design Approval: December 23, 2008

Status Update:
A pre-construction meeting was held on March 31 in Bethel. Construction is scheduled to begin in early June 2009.
Kuskokwim Campus Interior Upgrade

**Project Description**
Phase 1 will include renovation of faculty offices to include carpet and painting to match upgrades completed in summer 2008.
Phase 2 will include ceilings, light fixtures, IT cables, projectors and associated wiring upgrades.

**Total Project Cost:**
$1,088,000

**Schedule:**

<table>
<thead>
<tr>
<th>Phase 1:</th>
<th>Phase 2:</th>
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<tbody>
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<td>Design Period</td>
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<tr>
<td>Bid Period</td>
<td>Bid Period</td>
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<tr>
<td>Contract Award:</td>
<td>Contract Award:</td>
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<td>February 2009</td>
<td>July 2009</td>
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<td>Construction:</td>
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<td>June - August 2009</td>
<td>May - July 2010</td>
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<td>Occupancy Date:</td>
<td>Occupancy Date:</td>
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<tr>
<td>August 2009</td>
<td>August 2010</td>
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</table>

**Board of Regents Approval & Motions:**

- Formal Project Approval: November 5, 2008
- Schematic Design Approval: December 23, 2008

**Status Update:**
Pre-construction meeting was held on March 31 in Bethel. Construction is scheduled to begin mid-May 2009.
Yukon Flats Energy Retrofit

Project Description
This project will focus on an energy retrofit of the original portion of the facility. Work items include complete exterior door and window replacement, a new roof with R-60 insulation, sealing of all air leaks into the truss spaces, sealing of air leaks in the walls, additional foundation insulation, strengthening of the undersized floor joists in the kitchen, and new kitchen cabinets and appliances.

Schedule:
Planning & Design: November 1, 2008 - March 1, 2009
Advertising & Award: March 1, 2009 - March 24, 2009
Construction: June 2009 - September 30, 2009

Board of Regents Approval & Motions:
Formal Project Approval November 17, 2008

Total Project Cost:
$594,206

Status Update:
Awarded to 66 North, Inc. Submittals are 70% complete and long lead items have been ordered. Construction will begin in early June.
ConocoPhillips Integrated Science Building

Project Description:

125,000sf multi discipline sciences facility including approx. 37 general and specialized labs (biology, chemistry, geology, physiology, molecular/organismal) plus a 55 seat planetarium, 100 seat lecture hall, approx. 75 faculty offices and computational, study, and conferencing space.

Schedule:

Planning & Design: August 2006-Jan 2007
Advertising & Award: March 2007-May 2008
Construction: April 2007- Sept 2009
Warranty: 1 year after construction completion

Total Project Cost:

$91,000,000

Board of Regents Approval & Motions:

Formal Project Approval Dec 2007
Schematic Design Approval June 2007
Total Project Cost Increase April 2008 ($4M donor gift)

Status Update:

Total project completion at 88%. Building exterior & site work is 98% complete. All trades including painting, ceiling grid, mechanical/electrical trim & flooring continue on interior of building. Installation of lab casework continues on all 3 floors. Terrazzo flooring & plyboo ceiling installation is nearly complete. Ceiling support system for the Planetarium is complete and delivery of dome is anticipated in May. Beneficial occupancy currently anticipated for June '09 for all areas excluding the Planetarium which is expected to complete Sept. '09.
ERA Hanger Renovation

Project Description:

Document building condition, forecast long term needs and determine how to best utilize this property addition. Serious life, health and safety deficiencies dictate the partial demolition of this property and salvage/upgrade one hangar for aircraft storage.

Schedule:

Planning & Design: Thru May 2009
Advertising & Award: June 2009
Construction: July - August 2009
Warranty: 1 year after construction completion

Total Project Cost: $2,300,000

Board of Regents Approval & Motions:

Preliminary Project Approval: December 2008
Schematic Design Approval: Pending May 2009
Total Project Cost Increase

Status Update:

Design is at schematic levels. Incorporation of landfill gas mitigation plans required additional design work. Cost estimate received and work is still within project budget. Design submitted to airport operations and solid waste services for review and comment.
KPC Water System Upgrade

Project Description:

Install 9,000 lf of 12" waterline from Municipal water supply to KPC campus.

Schedule:  
Advertising & Award: May 2008 -June 2008  
Warranty: 1 year after construction completion

Total Project Cost: $1,555,000

Board of Regents Approval & Motions:  
Preliminary Project Approval April 2008  
Schematic Design Approval May 2008  
Total Project Cost Increase

Status Update:  
Project is approximately 98% complete. Water is flowing. Cleanup, reseeding is left. Construction expected to be complete May 09. A separate project is required to connect the building to the waterline.
UAA Parking Structure and Loop Road

Project Description:

Construction of 152,000sf, 3 Level parking garage for 445 vehicles, loop road connecting ISB service entrance to the Fine Arts Bldg. parking lot and detached 4,000sf amenities building.

Schedule:
Planning & Design: June 2006-March 2008
Advertising & Award: April 2008-May 2008
Construction: May 2008- Aug 2009
Warranty: 1 year after construction completion

Total Project Cost: $13,000,000

Board of Regents Approval & Motions:
Formal Project Approval: April 2007
Schematic Design Approval: December 2007
Increased Scope Approval: March 2009
Total Project Cost Increase: N/A

Status Update:

Steel erection and metal decking is complete and contractor is now proceeding with preparation for 2nd and 3rd level concrete slabs. Project completion date is anticipated for August, 2009.
UAA Health Science Building

Project Description
Design/ construct approximately 62,500 gross square foot facility to accommodate the academic programs of nursing, WWAMI/MEDEX and Allied Health. Spaces provided include 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: Dec 2009- Aug 2011
Warranty: 1 year after construction completion

Total Project Cost: $46,500,000

Board of Regents Approval & Motions:
Preliminary Project Approval June 2008
Schematic Design Approval February 2009
Total Project Cost Increase

Status Update:
Design is in process (65%). Health Sciences District Master Plan Amendment and Schematic Design approval received February 2009. Pre-construction services for the Construction Manager @ Risk contract awarded to Cornerstone Construction Company. Site work possible for late summer 2009.
Project Description:

130,000 sf multi-use facility that will house a 3,500 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-Jan 2009
Advertising & Award: TBD
Construction: TBD
Warranty: 1 year after construction completion

Total Project Cost:

$80,000,000

Board of Regents Approval & Motions:

Preliminary Admin Approval: Aug 2008
Formal Project Approval: Feb 2009
Schematic Design Approval
Total Project Cost Increase

Status Update:

$15 million was appropriated in the FY-09 Capital budget with no additional funding appropriated in FY-10. McCool Carlson Green, Hastings & Chevitta (St. Louis, MO) and University stake-holders continue to design and program. Preliminary site work and utility infrastructure is expected to be accomplished in this phase and then building construction will begin upon receipt of remaining funding from the legislature. Partial SD (sitework) anticipated for June BOR and full SD (building) for September BOR.
UAA Aviation Technology Roof Replacement

Project Description:
Reroof of the original Aviation Technology building roof, approximately 31,100 sf.

Schedule:
- Planning & Design: 2008/2009
- Advertising & Award: Spring 2009
- Construction: May thru August 2010
- Warranty: 1 year after construction completion

Total Project Cost: $1,060,000

Board of Regents Approval & Motions:
- Preliminary Project Approval: Feb 2009
- Formal Project Approval: April 06, 2009
- Schematic Design Approval: April 15, 2009
- Total Project Cost Increase

Status Update:
UAA Wendy Williamson Roof Replacement

Project Description:
Replacement of Wendy Williams Auditorium Roof approximately 21,000 sf.

Schedule:
Advertising & Award: April 2009
Construction: May-August 2009
Warranty: 1 year after construction completion

Total Project Cost:
$639,000

Board of Regents Approval & Motions:
Preliminary Admin Approval: January 2009
Formal Project Approval: February 2009
Schematic Design Approval: February 2009
Total Project Cost Increase: N/A

Status Update:
Project bid and awarded in April 2009 to Universal Roofing. Work expected to commence early June 2009.
Fine Arts Lighting Controls Replacement

**Project Description:**

Demolition and replacement of the theatrical lighting control system for the Fine Arts Building.

**Schedule:**

<table>
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<td>May 2009---June 2009</td>
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<tr>
<td>Construction:</td>
<td>June 2009---August 2009</td>
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**Total Project Estimate Cost:** $800,000

**Board of Regents Approval & Motions:**

- Prelim Administrative Approval— February 2009
- Formal Project Approval— April 2009
- Schematic Design Approval— May 2009

**Status Update:**

An engineering firm has been retained to develop scope and assemble preliminary design drawings. Completion of 100% drawings is May 2009. This project will be accomplished with FY09 R&R funding (17043-564337). This is expected to be accomplished in the Summer of 2009.
PWSSC Housing Renovation

Project Description:

Grant funded general renovation of existing (3) housing units, including roof, openings, coatings and mechanical systems.

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<th>Completion Date</th>
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<td>Summer 2009 – Summer 2010</td>
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<td>1 year after construction completion</td>
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Total Project Cost: $3,998,208

Board of Regents Approval & Motions:

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<td>Schematic Design Approval</td>
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<tr>
<td>Total Project Cost Increase</td>
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Status Update:

MCG hired to accomplish programming and conceptual design. A federal grant is funding for this work. Partial funding available now, balance due in Fall 2009.
UAA Science Renovation

Project Description:

This project will completely renovate the existing SCI building to provide classrooms, instructional labs, offices, prep rooms and other supporting areas. The mechanical and electrical systems will be upgraded to extend the life of the building.

Schedule:

<table>
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<td>Advertising &amp; Award:</td>
<td>November 2009-January 2010</td>
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<tr>
<td>Construction:</td>
<td>December 2010</td>
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<tr>
<td>Warranty:</td>
<td>1 year after construction completion</td>
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<td>Total Project Cost Increase</td>
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Status Update:

This Project is UAA’s top R&R project. The design will be accomplished for the entire project. Project will be built in phases pending fund availability. Architects Alaska was hired to do programming and preliminary design work. Phase 1—Demolition; will be considered with available FY09 R&R reprioritized funds. Project before the BOR for SD Approval in June 09.
Auke Lake Trail Reconstruction and Improvements

Project Description:
A walking trail to better connect the UAS campus to the surrounding Auke Lake neighborhood originated during the 2002 masterplan process. This particular project was chosen from many potential area trail projects through a series of meetings between the University, the City & Borough of Juneau (CBJ), the US Forest Service (USFS), and Trailmix, a local non-profit organization devoted to trail planning and construction.

The project is funded through a fund raising campaign organized by the UAS Development Office and the College of Fellows.

Total Project Cost: $1,325,000

Project Schedule
Planning & Design 2005-2006
Fundraising 2006-2007
Construction:
Phase 1 - Existing Trail Upgrades April 2008 – June 2009
Phase 2 - Bridge over Auke Creek Summer 2009
Phase 3 - Highway segment improvements Summer 2010

Project Approvals
Formal Project Approval March 2007
Schematic Design Approval March 2008

Status Update:
Work has resumed on the trail reconstruction. Final walking surfaces and bridge railings will be installed this summer to complete reconstruction of the original trail. The floating trail section is 100% complete. The bridge section is awaiting easement approval from NOAA prior to bidding.
Anderson Building Remodel

Project Description:

This project will remodel the Juneau campus principal science building to accommodate the needs of the UAS Science program. The project will include classroom, laboratory, faculty office, and research spaces, as well as construction of a pedestrian crossing of Glacier Highway. The building remodel and the pedestrian access will be 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, interior finishes, elevator replacement, classroom and laboratory casework and the emergency generator. Interior space will be reconfigured to improve effectiveness of the teaching areas. The number of faculty offices will be reduced. The work will require portions of the building to be vacated during renovation. Interim space for offices and labs will be needed.

The pedestrian access work will include a pedestrian bridge and a paved and lighted pathway to the main campus.

Total Project Cost: $10,700,000

Project Schedule

<table>
<thead>
<tr>
<th></th>
<th>Building Remodel</th>
<th>Pedestrian Access</th>
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</table>

Project Approvals:

- Formal Project Approval: September 2008
- Schematic Approval: February 2009

Status Update:

Design development is proceeding with both elements of the project:
Project Description:

A Title III grant will provide funds to remodel a portion of the unfinished hangar space at the Sitka campus. The grant will be used over the next two federal fiscal years to remodel portions of the existing facility Sitka campus to improve their Health Sciences program.

Total Project Cost: $2,200,000

Project Schedule

Construction: 10/2009-8/2010

Project Approvals

Formal Project Approval: February 2009
Schematic Design Approval: May 2009

Status Update:

Schematic design was approved by the Facilities Committee chair in May. Work has proceeded to the design development stage.
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: $520,000

Project Schedule

Construction: April through August 2009

Project Approvals

Formal Project Approval: January 2009
Schematic Design Approval: January 2009

Status Update:

The contractor (Coogan Construction) has mobilized and delivered materials to the site. Work has begun to remove the original roof.