

**UAF Campuses Major Renewal and Renovation**

**FY2006 Request: \$13,100,000**

**Reference No: 41051**

**AP/AL:** Allocation

**Project Type:** Renewal and Replacement

**Category:** University

**Location:** Fairbanks Areawide

**Contact:** Pat Pitney

**House District:** Fairbanks Areawide (HD 7-11)

**Contact Phone:** (907)450-8196

**Estimated Project Dates:** 07/01/2005 - 06/30/2009

**Appropriation:** University Priority Projects

**Brief Summary and Statement of Need:**

X

<b>Funding:</b>	<b>FY2006</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>	<b>FY2011</b>	<b>Total</b>
Gen Fund	\$6,100,000						\$6,100,000
Univ Rcpt	\$7,000,000						\$7,000,000
<b>Total:</b>	<b>\$13,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,100,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

**Project Description/Justification:**

This appropriation will address the most urgent projects listed below:

**UAF Fairbanks**  
 FY06-FY11 Total: 2,900.0

UAF Facilities Services manages the operation and maintenance for a fleet of more than 50 elevators and lifts with an average age of over 25 years. With the help of an FY01 audit, UAF Facilities Services has developed a multi-year modernization plan to upgrade the fleet with ADA, Code and Life Safety, and Deferred Maintenance improvements.

**Irving One Fire Sprinkler**  
 UAF Fairbanks  
 FY06-FY11 Total: 1,200.0

As one of the facilities on campus without a sprinkler system, Irving 1 is under several major code violations and citations from the fire marshal. Until the system is installed, no minor or major renewal, room modifications, or occupancy changes can occur in Irving. Research programs, grant initiatives, and the Institute of Biology cannot accommodate current and future initiatives until the system is installed.

**Power Plant Code Corrections Phase II**  
 UAF Fairbanks  
 FY06-FY11 Total: 2,750.0

The Power Plant Code Corrections Phase 2 project will complete the second phase of work to bring the facility into code compliance. The work includes an automatic sprinkler system throughout the Power Plant and a new

firewater pump and control station for the campus-wide fire water supply system.

**Physical Plant Code Corrections**

UAF Fairbanks  
FY06-FY11 Total: 5,000.0

This project reconfigures the Physical Plant building to correct existing code and operational deficiencies and to accommodate the maintenance and operations shops within Facilities Services. Phase I, which revitalized half of the maintenance shops, was completed in spring 2002. This is the second phase of work to complete the code and operational deficiencies within the shops area in this 1964 facility that is the core of operations for the maintenance work at UAF.

**Campus Wide Residential Sprinklers – Phase II**

UAF Fairbanks  
FY06-FY11 Total: 1,200.0

Through the use of UAF Deferred Maintenance funds, Facilities Services and the UAF Fire Marshal implemented a series of construction projects that provided sprinklers in three buildings on campus. Further funding is required to complete installation in the remaining unsprinklered student living quarters.

**ADA Compliance**

UAF Fairbanks  
FY06-FY11 Total: 6,000.0

This request for ADA compliance project funding involves modifying 7 buildings on the UAF campus in addition to making ADA required modifications to our community campus facilities. The project, within three phases, will make modifications to include accessibility improvements such as installation of new elevators, renovations to restrooms, improvements to accessibility routes, replacing drinking fountains and modifying stairwell handrails.

**Arctic Health Laboratory Revitalization for Initiative Programs**

UAF Fairbanks  
FY06 Total: 5,000.0

In an ongoing effort to provide new, modern, and efficient space for growing research programs on the Fairbanks Campus, the Arctic Health Laboratory Revitalization Project would renovate inefficient, obsolete space into state of the art research laboratories. The lab renovations would better utilize existing space within the building, and would provide a faster, more viable solution to space shortages on West Ridge. The cost and time to complete the project is very competitive with building surge space and co-location of programs within the heart of the research campus.

**West Ridge Space Revitalization**

UAF Fairbanks  
FY06 Total: 2,500.0

A coordinated planning effort will analyze space needs, and subsequently design and construct state of the art laboratory, office and classroom space in the Elvey, O'Neill, Irving I, Irving II, and Arctic Health Research Buildings. New spaces will serve current and future initiatives in the atmospheric, biological, neuroscience, plant pathology, live animal research, marine science programs, and natural resource/agricultural sciences.

**UAF High Priority Utilities Revitalization**

UAF Fairbanks  
FY06 Total: 920.0

The project will address the highest priority utilities deficiencies due to aging systems and increasing needs. The water, RO (lab) water, steam and electrical systems will be partially revitalized to provide reliable utilities for the UAF campus for the future.

**Campus Life Master Plan Facilities**

UAF Fairbanks  
FY06 Total: 1,000.0

The outcome of the Campus Life Master Plan will identify additions and improvements to Wood Center, Lola Tilly Commons, Bunnell House and Student Housing. This planning effort will identify the facility improvements needed to support dining, housing, UAF Bookstore, Student Affairs and Campus Life goals and efficient operations.

**Elvey Building Renewal**

UAF Fairbanks

FY06 Total: 3,000.0

Constructed in 1970, the Elvey Building is home to the UAF Geophysical Institute. This institute boasts worldwide fame for research on such topics as volcanoes, the atmosphere, and arctic regions. Since constructed the facility and its key infrastructure components have passed their 30-year life expectancy and major renewal of the facility must occur.

**Roads, Curbs, and Sidewalks**

UAF Fairbanks

FY06 Total: 3,000.0

This project will complete Tanana Loop, the roadway that encompasses the campus, and create safe and attractive pedestrian walkways close to all campus roadways for non-motorized users. It will also develop Yukon Drive into a safe and appealing corridor for pedestrians and non-motorized uses, and establish direct connections to the UAF trail system from points throughout campus. Circulation improvements around and into the UAF campus are one of the highest priorities stated in the UAF Master Plan.

**Central Campus Chiller Replacement**

UAF Fairbanks

FY06 Total: 5,000.0

The Central Campus Chiller Replacement will provide the campus with more consistent and predictable cooling, more reliable operation and allow for increased capacity anticipated with each new building, major addition and renovation project on Lower Campus. The existing chillers are 31 years old and the rated life for chillers is 23 years. Additionally, as space is a premium throughout campus, we are continually adding more people, computers and other electrical equipment to each building and each of these is an extra heat source. The project includes a new 2,500 square foot building with two 600-ton absorption chillers and space available to add a future 600-ton chiller. In addition, cooling tower capacity would be increased as well as piping and coil modifications.

**Eielson/Signers HVAC**

UAF Fairbanks

FY06 Total: 2,500.0

As two of the oldest facilities on the UAF campus, Eielson and Signers do not have ventilation systems and experience problems maintaining comfortable temperatures in occupied zones. These spaces include critical student services such as Financial Aid, Registrar's Office, University Relations, and the Chancellor's office. A new ventilation and heating system is required to make the facilities more habitable.