

Critical Building Deficiencies**FY2007 Request: \$8,655,000****Reference No: 41707****AP/AL:** Appropriation**Project Type:** Health and Safety**Category:** University**Location:** Statewide**Contact:** Pat Pitney**House District:** Statewide (HD 1-40)**Contact Phone:** (907)450-8191**Estimated Project Dates:** 07/01/2006 - 06/30/2011**Brief Summary and Statement of Need:**

Upgrades are urgently needed to address critical system wide building deficiencies, such as fire alarm and sprinkler systems, asbestos abatement, water supply and quality issues, modernization of the elevator system, and exterior lighting system. Upgrades to facilities used for housing and education are key to attracting and retaining students.

Funding:	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	Total
Fed Rcpts		\$250,000	\$250,000				\$500,000
Gen Fund		\$4,000,000	\$2,550,000	\$1,350,000	\$600,000	\$150,000	\$8,650,000
NTSC Bond	\$8,655,000						\$8,655,000
Total:	\$8,655,000	\$4,250,000	\$2,800,000	\$1,350,000	\$600,000	\$150,000	\$17,805,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" 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	0
Totals:	0	0

Additional Information / Prior Funding History:

Prior State Funding FY00-FY06:

SLA2001/Ch96/Pg47/Ln32 - \$1,700.0 of \$3,575.0 1053 Invst.

SLA2003/Ch82/Pg53 - \$3,641.5

Project Description/Justification:**UAA Main Apartment Complex (MAC) Fire Sprinkler Install & Fire System Upgrade**

UAA Anchorage

FY07 State Approp: 1,800.0

The Main Apartment Complex (MAC) Housing complex was constructed in 1985. The complex consists of six buildings of wood frame construction, wood siding and metal roofs. There are 80 living units with a total of 310 bedrooms. The existing buildings are not sprinkled. The existing fire alarm system is old, requires continuous maintenance, and needs to be upgraded to meet current code requirements.

Elevator Modernization Upgrades

UAF Fairbanks

FY07 State Approp: 350.0

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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 Deferred Maintenance improvements.

Fire Alarm System Replacements

UAS Juneau

FY07 State Approp: 520.0

Replace six fire alarm panels and associated detectors that serve eight campus buildings and the original student housing apartment complex that are now between 20 and 35 years old.

UAA Student Center Fire Egress

UAA Anchorage

FY07 State Approp: 500.0

The Student Union Building (formerly known as the Campus Center) was constructed in 1977. It is a two-story, sprinklered, steel frame structure with a glazing and cast-in-place concrete exterior. This facility has 45,545 square feet of usable space. Over the years, the interior has been reconfigured to meet the demands, academically and socially, of an increasing student population by offering a variety of services and activities including food services, computer lab, video games, TV lounge, quiet study area, gallery, student affairs, various clubs, and fraternity/sorority activities. With the increased use by students, faculty and staff, the need for emergency egress has increased.

Asbestos Abatement

UAA Anchorage

FY07 State Approp: 265.0

UAA has identified seven campus buildings that require asbestos abatement of pipe insulation in the restroom fixture piping and the mechanical room valves and connections. Typically the insulation for the tees and elbows contain asbestos. The buildings impacted are; Professional Studies Building, Gordon Hartlieb, Sally Monserud, Allied Health, Eugene Short, Social Sciences Building, and the Fine Arts Building. This project also includes an asbestos survey for Kenai Peninsula College.

LARS Wash House

UAF Fairbanks

FY07 State Approp: 520.0

The work consists of demolishing the existing 150 square foot well and wash house structure at the Large Animal Research Station. The structure will be replaced with a new 700 square foot wood framed wash house and bathroom facility for the farm workers. The wash house is the central facility for water-based needs for all workers at the station. It will house shower, sanitation, bathrooms, washer/dryer and sink facilities for the research station workers as well as locker storage for their gear.

Campus Wide Residential Sprinklers - Phase 2

UAF Fairbanks

FY07 State Approp: 850.0

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

Campus Wide Fire Alarms

UAF Fairbanks

FY07 State Approp: 500.0

This project would replace the fire alarm systems in the O'Neill Building, University Park, Irving I and various housing units. Current systems provide inadequate coverage and notification for building occupants and report limited information to emergency services.

Arctic Health Ceiling Seismic Upgrade

UAF Fairbanks

FY07 State Approp: 450.0

Current building and fire codes require seismic restraint of non-structural building components, suspended ceiling assemblies, non-load bearing partitions as well as HVAC and lighting assemblies. These requirements are designed to

State of Alaska Capital Project Summary

University of Alaska

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assure emergency egress routes remain clear of earthquake debris and prevent damage and contamination of research spaces.

Hess Commons Asbestos Removal

UAF Fairbanks
FY07 State Approp: 400.0

Previous asbestos abatement in Hess Commons resulted in the conversion of an abandoned dish washing facility into a state of the art computer lab. The remaining abatement provided in this project will release the core area for future campus life enhancement projects and prevent contamination of student living and previously abated areas.

Walsh Hall Egress Window Replacement

UAF Fairbanks
FY07 State Approp: 200.0

Walsh Hall is currently out of compliance with lower level apartments having only one means of egress. These apartments are partially below grade with egress through the existing corridor and stairwell. This project would reconstruct 11 window units and install window wells with ship ladders to provide the second required egress route.

Arctic Health Asbestos Abatement

UAF Fairbanks
FY07 State Approp: 400.0

Currently friable asbestos pipe insulation exists in nearly 11,000gsf of mechanical room space. Friable asbestos pipe insulation poses a potential health hazard for maintenance and construction personnel. In addition it adds significantly to the costs and timeliness of renovation and construction projects.

Exterior Pathway and Roadway Lighting Replacement

UAF Fairbanks
FY07 State Approp: 150.0

As a result of the UAF Police Department lighting survey various pathways and roadway intersections require new lighting installations and or upgrades to existing lighting. Improved lighting will provide safer pedestrian/vehicle interface zones and reduces the unlit or shadowed areas adjacent to pathways and outdoor seating areas.

UAA Community Campus Water System Connections and Upgrades

UAA Multiple
FY07 State Approp: 1,750.0

Since the initial construction of the Kenai Peninsula College in 1974, the water supply for the campus has been an on-site well. This well has provided an adequate supply of water over the years, but recently as with many of the wells in the Kenai/Soldotna area, periodic testing of the water has revealed higher parts-per-billion levels of arsenic than will be allowable by the new 2006 federal standards. The campus is currently using some M&R dollars to monitor, evaluate and possibly condition the water to reduce the levels of arsenic as well as iron and manganese which have secondary levels also higher than acceptable federal standards, and cause aesthetic standard problems with staining and taste. To minimize high annual maintenance costs for these filtering systems, the permanent long term fix for this problem is to tie into the treated City of Soldotna water system. Until recently, this solution was cost prohibitive due to the large distance between the KPC campus and the city water lines. With the rapid growth rate of both Soldotna and Kenai there is now a current city water project under construction that will bring clean, conditioned water within .75 miles of the KPC campus. Tying into this water line will remove all issues with water quality as well as future quantity requirements as the campus continues to grow. At Mat-Su College, a similar water issue exists. The campus requires a new water disinfection system to bring campus water to acceptable federal standards. Mat-Su also has an opportunity in the near future to tie into a new borough water line that is in the planning stages.