

University of Alaska
FY2018 Priority Deferred Maintenance (DM) and Renewal and Repurposing (R&R) Projects
State Appropriations *(in thousands of \$)*

Project Name	DM & R&R
UAA Main Campus	
Campus Building Envelope & Roof Systems Renewal	960.0
Campus Building Interior & Systems Renewal	900.0
Campus Exterior Infrastructure and Signage Renewal	800.0
UAA Main Campus Subtotal	2,660.0
UAA Community Campuses	
KPC Campus Renewal	179.8
Kodiak College Campus Renewal	99.5
PWSC Campus Renewal	85.2
Mat-Su Campus Renewal	189.8
KPC Kachemak Bay Campus Renewal	45.6
UAA Community Campuses Subtotal	600.0
UAA DM and R&R Total	3,260.0
UAF Main Campus	
Building Envelope & Roof Systems Renewal	2,300.0
Fairbanks Campus Building Interior & Systems Renewal	2,700.0
Campus Infrastructure and Signage Renewal	528.0
Regulatory Compliance - ADA, Title IX, & Transgender	300.0
UAF Main Campus Subtotal	5,828.0
UAF Community Campus	
Rural Community Campus Renewal	300.0
Community & Technical College Renewal	100.0
UAF Community Campus Subtotal	400.0
UAF DM and R&R Total	6,228.0
UAS Main & Community Campuses	
Juneau Campus R&R	512.0
UAS Campuses Total	512.0
DM and R&R Total	10,000.0

UAA Main Campus

UAA Campus Building Envelope & Roof Systems Renewal

GF: \$960.0, NGF: \$0.0, Total: \$960.0

This project will address campus-wide deferred maintenance and renewal and renovation requirements for building envelope and roof systems. It will include roof repair and replacement, doors, windows, vapor barriers, siding, weatherization, insulation; and other building envelope issues.

UAA Campus Building Interior & Systems Renewal

GF: \$900.0, NGF: \$0.0, Total: \$900.0

Many of the original buildings on the UAA Campus were constructed in the early- to mid-1970s and the building systems are beginning to fail and are no longer adequate for the current demands and require replacement or upgrading. The Mechanical, Electrical and HVAC systems in particular fall into this category. Replacement parts for many of these systems are no longer available. The older systems are very expensive to operate due to their low efficiencies. Replacement of these systems would allow for increased energy efficiencies and better environmental control throughout the building. This project will replace failing piping, inadequate electrical systems, inefficient lighting, boilers, fans, deficient VAV boxes and upgrade the building automation system controls.

UAA Campus Exterior Infrastructure and Signage Renewal

GF: \$800.0, NGF: \$0.0, Total: \$800.0

The UAA campus is over 30 years old and many of the roads, trails, sidewalks, parking areas, curbs and gutters are part of the original construction or have been impacted by construction, repair and renovation projects over the years. This results in uneven surfaces, lack of adequate sidewalks and other deficiencies that pose a safety hazard or are increasingly susceptible to additional damage. Increased enrollment and subsequent staffing increases dictate a need to upgrade and repair these surfaces in order to maintain a safe and effective environment for students, staff and the public, as well as a need to provide adequate exterior wayfinding signage.

UAA Community Campuses

KPC Campus Renewal

GF: \$179.8, NGF: \$0.0, Total: \$179.8

The Kenai River Campus includes four buildings built between 1971 and 1983. Each building is of different quality having been constructed using different construction methods and materials, and energy efficiencies. With the exception of some painting and the Ward Building renewal in 2005, the exteriors of these buildings have not been upgraded since they were built. A number of roofs are at or have exceeded their life cycle at the Kenai River Campus. Some roofs contain asbestos products which will require some abatement prior to replacement. The campus is spending too much money on utility costs due to the inefficiencies of the old buildings. With rapidly increasing utility costs, the energy savings realized by this renewal would be significant. Some of the original methods of construction included single pane windows, door glass, and aluminum store fronts that do not block the cold and increase utility costs and extreme campus-user discomfort during the extreme winters. Many of the entrances are not covered and allow the buildup of ice and snow at the critical slip/trip

points at the building entrances. In addition to gaining additional instruction space and significantly increased energy efficiencies, this project will create a positive first impression for visitors and prospective students.

The McLane Building additions were all constructed between 1972 and 1976 and the original air handling units are in place. The air handling equipment and associated duct work in these buildings cannot supply the quantities of air required by current mechanical standards. The University needs to replace the heat plant and air handling equipment for these facilities prior to a catastrophic failure results in and emergency replacement.

Funding allocated to this project will allow the campus to correct the most urgent campus renewal requirements.

Kodiak College Campus Renewal

GF: \$99.5, NGF: \$0.0, Total: \$99.5

The buildings on the Kodiak Campus were constructed in the early to mid-1970s. The exteriors are painted wood siding that are being impacted by the exposure to the extreme climate conditions of Kodiak. The original windows suffer from worn seals that cause air infiltration. The mechanical and electrical systems are in need of renewal to meet the increased student demand and increased use of new technology. Roofing repairs are required, specifically for the Campus Center. Parking lot lighting repair and upgrades are required until the Kodiak Road Realignment and Exterior Lighting project is completed. Improvements to layout and design will increase space efficiency and allow for replacement of worn and outdated fixed equipment.

Funding allocated to this project will allow the campus to correct the most urgent campus renewal requirements.

PWSC Campus Renewal

GF: \$85.2, NGF: \$0.0, Total: \$85.2

The Growden-Harrison building was originally build shortly after the 1964 earthquake as an Elementary school and was added onto in a piecemeal fashion in the following years. This has resulted in aging mechanical, electrical, HVAC systems that are currently undersized for the facility and have included the use of asbestos containing materials. The piecemeal additions have resulted in draining and weathering problems that adversely impact the building envelope.

Funding allocated to this project will allow the campus to correct the most urgent campus renewal requirements.

Mat-Su Campus Renewal

GF: \$189.8, NGF: \$0.0, Total: \$189.8

This project will address campus-wide deferred maintenance issues and renewal and renovation requirements for the Mat-Su Campus.

Funding allocated to this project will allow the campus to correct the most urgent campus renewal requirements.

KPC Kachemak Bay Campus Renewal

GF: \$45.6, NGF: \$0.0, Total: \$45.6

A significant portion of the Kachemak Bay Campus Building was originally built in 1988 as a post office. The roof and mechanical/electrical systems are original and were not updated as part of the campus addition in 2006.

Funding allocated to this project will allow the campus to correct the most urgent campus renewal requirements.

UAF Main Campus

UAF Building Envelope & Roof Systems Renewal

GF: \$2,300.0, NGF: \$0.0, Total: \$2,300.0

Projects within this category will address deferred maintenance and renewal and renovation requirements for building envelope and roof systems. They include roof repair and replacement, doors, windows, vapor barriers, painting, siding, weatherization, insulation, foundations, and other building envelope issues.

UAF Fairbanks Campus Building Interior & Systems Renewal

GF: \$2,700.0, NGF: \$0.0, Total: \$2,700.0

Many of the buildings in the UAF system were constructed in the 1960s and 1970s and the building interiors and systems are in very poor shape and beginning to fail; they are no longer adequate for the current demands and require replacement or upgrading. The mechanical, electrical and HVAC systems in particular fall into this category. Replacement parts for many of these systems are no longer available. Many of the systems are expensive to operate due to their low efficiencies. Replacement of these systems will allow for increased energy efficiencies, more attractive interiors, and better environmental control throughout UAF's facilities. Projects in this category will replace failing piping, inadequate electrical systems, inefficient lighting, damaged finishes, fans, deficient VAV boxes and upgrade the building automation system controls.

UAF Campus Infrastructure and Signage Renewal

GF: \$528.0, NGF: \$0.0, Total: \$528.0

The severe Fairbanks climate takes a toll on the many roads, trails, sidewalks, parking areas, curbs and gutters across our campus creating uneven surfaces, lack of adequate sidewalks and other deficiencies that pose a safety hazard or are increasingly susceptible to additional damage. Repairing and upgrading these surfaces is required in order to maintain a safe, accessible, and effective environment for students, staff and the public. Adequate exterior wayfinding signage is critical to creating a safe and accessible campus.

UAF Regulatory Compliance - ADA, Title IX, & Transgender

GF: \$300.0, NGF: \$0.0, Total: \$300.0

Complying with regulations including the Americans with Disabilities Act and Title IX, and accommodating transgender students, staff and faculty is a top priority at UAF. Remaining in compliance requires an on-going effort to modify and upgrade exterior hardscapes, elevators, building passageways, toilet and locker rooms, signage and security infrastructure.

UAF Community Campuses

Rural & Community Renewal

GF: \$300.0, NGF: \$0.0, Total: \$300.0

Funding for renewal and regulatory compliance requirements at CRCDC facilities including Bristol Bay Campus, Chukchi Campus, Kuskokwim Campus, Northwest Campus, Interior Alaska Campus, and Brooks Building.

Community & Technical College Renewal

GF: \$100.0, NGF: \$0.0, Total: \$100.0

Funding for renewal and regulatory compliance requirements at Community & Technical College (CTC) facilities including CTC's main building (604 Barnette Street), Bunnell House and UAF Aviation Facility.

UAS Main & Community Campuses

Juneau Campus R&R

GF: \$512.0, NGF: \$0.0, Total: \$512.0

This funding will address the following high priority needs across the Juneau campus: Auke Lake pedestrian guardrail replacement; Anderson building-replace saltwater piping in vault; Hendrickson building-replace mansard; Soboleff building-replace ceramics studio overhead door and elevator; Mourant building-replace exterior windows; Egan library-replace siding; Marine technology building-renew or replace welding shop smoke eliminator and replace fire alarm panel; and Marine Core building-replace motor control center and curtain wall system.