

University of Alaska
FY2017 Capital Budget Request Summary
UA Board of Regents' compared to Final Legislation SB138
(in thousands of \$)

	UA Board of Regents' Budget			Final Legislation (includes Gov's vetoes)		
	State Approp.	Non- State Funding	Total	State Approp.	Non- State Funding	Total
New Starts/Continuation						
UAF Engineering Learning and Innovation Facility Completion (including ACEP Office Infill)	34,800.0	5,000.0	39,800.0	(1)		
Facilities Deferred Maintenance (DM) / Renewal & Repurposing (R&R)	2,439.0	0.0	2,439.0	(2)		
UAA Main Campus	0.0		0.0			
UAA Community Campuses	0.0		0.0			
UAF Main Campus	0.0		0.0			
UAF Community Campuses	0.0		0.0			
UAS Main & Community Campuses	0.0		0.0			
SW Statewide	2,439.0		2,439.0			
Annual Renewal & Repurposing Sustainment	50,000.0	0.0	50,000.0	0.0	0.0	0.0
Other Capital						
UAA Reappropriate to UA for U-med Northern Access Road	0.0	0.0	0.0	(3)		
FY2017 Capital Budget	87,239.0	5,000.0	92,239.0	0.0	0.0	0.0

- (1) \$3 million will be reallocated from the Operating Budget to pay debt service on revenue bonds issued to complete the UAF Engineering Learning and Innovation Facility.
- (2) \$10.0 million will be reallocated from the FY17 Operating budget to fund priority deferred maintenance/renewal and repurposing projects.
- (3) \$18.9 million was vetoed by the governor for this project.

University of Alaska
FY2017 Priority Deferred Maintenance (DM) and Renewal and Repurposing (R&R) Projects
State Appropriations *(in thousands of \$)*

Project Name	DM & R&R	Budgeted
UAA Main Campus		
Campus Building Envelope & Roof Systems Renewal	1,000.0	1,000.0
Campus Building Interior & Systems Renewal	500.0	500.0
Campus Exterior Infrastructure and Signage Renewal	250.0	250.0
University Lake Annex, UPD Relocation	3,000.0	888.3
EM1 and EM2 Mechanical	2,500.0	
Consortium Library Old Core Mechanical Upgrades	5,250.0	
UAA Main Campus Subtotal	12,500.0	2,638.3
UAA Community Campuses		
KPC Campus Renewal	750.0	180.1
Kodiak College Campus Renewal	415.6	110.0
PWSC Campus Renewal	200.0	40.0
Mat-Su Campus Renewal	392.0	230.0
KPC Kachemak Bay Campus Renewal	120.0	50.0
Mat-Su Parking/Road/Circulation Renewal	100.0	
PWSC Parking and Security Upgrades	155.0	
Mat-Su Bridge Enclosure	300.0	
KPC Kachemak Bay Pioneer Hall Boiler & Exterior Improvements	70.0	
UAA Community Campuses Subtotal	2,502.6	610.1
UAA DM and R&R Total	15,002.6	3,248.4
UAF Main Campus		
Fairbanks Campus Main Waste Line Repairs	2,870.0	
Fairbanks Main Campus Wide Roof Replacement	4,500.0	
Critical Electrical Distribution	4,000.0	
ADA Compliance Campus Wide: Elevators, Ramps, Restrooms	1,500.0	650.0
Elevator/Alarms Scheduled Upgrading and Replacement	1,000.0	490.0
Fairbanks Campus Building Interior & Systems Renewal	1,500.0	581.0
Campus Infrastructure	1,500.0	350.0
West Ridge Facilities Deferred Maintenance and Revitalization	11,400.0	1,605.0
Patty Center Revitalization	3,000.0	
Renewal and Re-purpose of Duckering - backfill related to the new Engineering Facility	6,500.0	
Renewal & Renovation, Code, ADA	24,500.0	2,133.7
UAF Main Campus Subtotal	62,270.0	5,809.7
UAF Community Campus		
Kuskokwim Campus Facility Critical Deferred and Voc-Tech Renewal -- Phase 2	1,630.0	
Rural Community Campus Renewal		323.9
Community & Technical College (CTC) Renewal		114.0
UAF Community Campus Subtotal	1,630.0	437.9
UAF DM and R&R Total	63,900.0	6,247.6

University of Alaska
FY2017 Priority Deferred Maintenance (DM) and Renewal and Repurposing (R&R) Projects
State Appropriations *(in thousands of \$)*

Project Name	DM & R&R	Budgeted
UAS Main Campus		
Lakeside Access Improvements	250.0	
Egan Library Enhancements	1,600.0	
Juneau Campus Roof Replacement	300.0	304.0
Juneau Campus Site Lighting Replacement	360.0	200.0
UAS DM and R&R Total	2,510.0	504.0
Statewide		
Butrovich Lighting Upgrades	500.0	
Butrovich Building Repairs	100.0	
University House Repairs	75.0	
Statewide DM and R&R Total	675.0	
UA FY2017 DM and R&R Total	82,087.6	10,000.0
Additional DM and R&R		
UAA Main Campus	280,952.7	
UAA Community Campuses	32,847.2	
UAF Main Campus	632,292.4	
UAF Community Campuses	47,871.9	
UAS Main	4,327.3	
Statewide	2,024.9	
UA System Additional DM and R&R Total	1,000,316.4	
UA DM and R&R Total	1,082,404.0	10,000.0

Revised for Governor's Veto



UNIVERSITY
of ALASKA

Many Traditions One Alaska

Proposed
FY2017
Capital Budget
Distribution Plan

Board of Regents
June 2-3, 2016
Anchorage, Alaska

Prepared by: University of Alaska Statewide Office of Strategy,
Planning and Budget
907.450.8191

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**Proposed
FY2017 Capital Budget Distribution Plan
Introduction**

The Board of Regents' capital budget request totaled \$139.8 million with \$134.8 million requested from state funding and \$5.0 million requested from non-state funding. The budget passed by the legislature on May 31st, did not include funding for the Regents' top priorities to complete the UAF Engineering Facility and fund facilities deferred maintenance (DM) and Renewal and Repurposing (R&R). However, the administration will recommend to the Board to reallocate funding from the FY17 state operating appropriation to complete the UAF Engineering Facility through issuing university revenue bonds and to also allocate funding toward DM and R&R priorities.

The Legislature reappropriated \$18.8 million of road construction money that was originally given to the Municipality of Anchorage several years ago to design and build an extension of Elmore Road in the U-Med district. The bill provided that UA, instead of the municipality, should manage the project and use the money to have the road extension designed and built. The Department of Transportation and Public Facilities will handle the actual design and construction of the road extension and assume responsibility for the road and right of way once the project is complete.

Approved by BOR 06/21/2017

University of Alaska
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	UA Board of Regents' Budget			Final Legislation		
	State Approp.	Non- State Funding	Total	State Approp.	Non- State Funding	Total
New Starts/Continuation						
UAF Engineering Learning and Innovation Facility Completion (including ACEP Office Infill)	34,800.0	5,000.0	39,800.0	(1)		
Facilities Deferred Maintenance (DM) / Renewal & Repurposing (R&R)	50,000.0	0.0	50,000.0	(2)		
UAA Main Campus			12,772.3			12,772.3
UAA Community Campuses			2,953.1			2,953.1
UAF Main Campus			28,125.6			28,125.6
UAF Community Campuses			2,119.8			2,119.8
UAS Main & Community Campuses			2,439.0			2,439.0
SW Statewide			1,590.2			1,590.2
Annual Renewal & Repurposing Sustainment	50,000.0	0.0	50,000.0	0.0	0.0	0.0
Other Capital						
UAA Reappropriate to UA for U-med Northern Access Road	0.0	0.0	0.0	18,852.3	0.0	18,852.3
FY2017 Capital Budget	134,800.0	5,000.0	139,800.0	18,852.3	0.0	18,852.3

(1) \$3 million will be reallocated from the Operating Budget to pay debt service on revenue bonds issued to complete the UAF Engineering Learning and Innovation Facility.

(2) \$10.5 million will be reallocated from the FY17 Operating budget to fund priority deferred maintenance/renewal and repurposing projects.

University of Alaska
FY2017 Priority Deferred Maintenance (DM) and Renewal and Repurposing (R&R) Projects
State Appropriations *(in thousands of \$)*

Project Name	DM & R&R	Budgeted
UAA Main Campus		
Campus Building Envelope & Roof Systems Renewal	1,000.0	1,000.0
Campus Building Interior & Systems Renewal	500.0	500.0
Campus Exterior Infrastructure and Signage Renewal	250.0	250.0
University Lake Annex, UPD Relocation	3,000.0	1,020.3
EM1 and EM2 Mechanical	2,500.0	
Consortium Library Old Core Mechanical Upgrades	5,250.0	
UAA Main Campus Subtotal	12,500.0	2,770.3
UAA Community Campuses		
KPC Campus Renewal	750.0	233.5
Kodiak College Campus Renewal	415.6	143.0
PWSC Campus Renewal	200.0	77.0
Mat-Su Campus Renewal	392.0	132.1
KPC Kachemak Bay Campus Renewal	120.0	55.0
Mat-Su Parking/Road/Circulation Renewal	100.0	
PWSC Parking and Security Upgrades	155.0	
Mat-Su Bridge Enclosure	300.0	
KPC Kachemak Bay Pioneer Hall Boiler & Exterior Improvements	70.0	
UAA Community Campuses Subtotal	2,502.6	640.6
UAA DM and R&R Total	15,002.6	3,410.9
UAF Main Campus		
Fairbanks Campus Main Waste Line Repairs	2,870.0	
Fairbanks Main Campus Wide Roof Replacement	4,500.0	
Critical Electrical Distribution	4,000.0	
ADA Compliance Campus Wide: Elevators, Ramps, Restrooms	1,500.0	650.0
Elevator/Alarms Scheduled Upgrading and Replacement	1,000.0	490.0
Fairbanks Campus Building Interior & Systems Renewal	1,500.0	581.0
Campus Infrastructure	1,500.0	300.0
West Ridge Facilities Deferred Maintenance and Revitalization	11,400.0	1,605.0
Patty Center Revitalization	3,000.0	50.0
Renewal and Re-purpose of Duckering - backfill related to the new Engineering Facility	6,500.0	
Renewal & Renovation, Code, ADA	24,500.0	2,424.3
UAF Main Campus Subtotal	62,270.0	6,100.3
UAF Community Campus		
Kuskokwim Campus Facility Critical Deferred and Voc-Tech Renewal -- Phase 2	1,630.0	
Rural Community Campus Renewal		339.4
Community & Technical College (CTC) Renewal		120.4
UAF Community Campus Subtotal	1,630.0	459.8
UAF DM and R&R Total	63,900.0	6,560.1

University of Alaska
FY2017 Priority Deferred Maintenance (DM) and Renewal and Repurposing (R&R) Projects
State Appropriations *(in thousands of \$)*

Project Name	DM & R&R	Budgeted
UAS Main Campus		
Lakeside Access Improvements	250.0	
Egan Library Enhancements	1,600.0	
Juneau Campus Roof Replacement	300.0	324.0
Juneau Campus Site Lighting Replacement	360.0	205.0
UAS DM and R&R Total	2,510.0	529.0
Statewide		
Butrovich Lighting Upgrades	500.0	
Butrovich Building Repairs	100.0	
University House Repairs	75.0	
Statewide DM and R&R Total	675.0	
UA FY2017 DM and R&R Total	82,087.6	10,500.0
Additional DM and R&R		
UAA Main Campus	280,952.7	
UAA Community Campuses	32,847.2	
UAF Main Campus	632,292.4	
UAF Community Campuses	47,871.9	
UAS Main	4,327.3	
Statewide	2,024.9	
UA System Additional DM and R&R Total	1,000,316.4	
UA DM and R&R Total	1,082,404.0	10,500.0

Approved by BOR 06/03/2016

UAA Main Campus

- **Campus Building Envelope & Roof Systems Renewal**

Requested: FY17 (GF: \$1,000.0, NGF: \$0.0, Total: \$1,000.0)
FY18-FY26 (GF: \$9,000.0, NGF: \$0.0, Total: \$9,000.0)

Distribution: GF: \$1,000.0

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. The amount allocated to this project in FY17 will allow UAA to replace the roof at the Professional Studies Building, and design the next most urgently required roof on the UAA Campus.

- **Campus Building Interior & Systems Renewal**

Requested: FY17 (GF: \$500.0, NGF: \$0.0, Total: \$500.0)
FY18-FY26 (GF: \$4,500.0, NGF: \$0.0, Total: \$4,500.0)

Distribution: GF: \$500.0

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; 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. 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.

- **Campus Exterior Infrastructure and Signage Renewal**

Requested: FY17 (GF: \$250.0, NGF: \$0.0, Total: \$250.0)
FY18-FY26 (GF: \$2,250.0, NGF: \$0.0, Total: \$2,250.0)

Distribution: GF: \$250.0

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.

- **University Lake Annex, UPD Relocation**

Requested: FY17 (GF: \$3,000.0, NGF: \$0.0, Total: \$3,000.0)
FY18-FY26 (GF: \$9,000.0, NGF: \$0.0, Total: \$9,000.0)

Distribution: GF: \$1,020.3

The UAA University Police Department is currently located in the first floor, Eugene Short Hall in the West Campus Zone. This is an administrative service housed in the most used classroom building on campus. Other UPD facilities were spread across campus due to the lack of administrative support space in Eugene Short Hall, such as the Weapons Room being located in Rasmuson Hall and the Evidence Locker in various storage areas as available.

Patrol car parking and egress from the assigned parking lot is problematic in emergencies or when responding to calls. In all instances, officers must exit thru the PSB West Parking Lot, north to West Campus Drive, then meander thru secondary roads to the rest of campus or make two left turns across traffic to get back to Providence Drive, the main arterial crossing campus.

The ULA building was originally built in 1983. Emergency Management and recently Parking Services are current occupants of the north side of the building. College of Engineering has resided in the southern two thirds of the building while waiting for the new Engineering and Industry Building to be constructed and the original Engineering Building to be renewed. The building is 9,000 GSF and renovation will UPD will occupy 6,450 sf of the building. Parking Services and Emergency Service Management occupy the remainder of the building.

Relocating UPD to ULA was an option in the 2013 UAA Campus Master Plan, which defined use of this space for mixed use, retail, services, parking, or student housing. Collocating UPD, Emergency Management and Parking Services together creates a mutually supporting environment to provide services to faculty, staff, students and visitors on the edge of campus and protection closest to our 24/7 student residents and extended-hours Consortium Library operation.

Relocating UPD will also allow UAA to begin the process of vacating and demolishing Eugene Short Hall as in order to reduce campus operation and maintenance costs.

Based on the limited amount of DM/R&R funding available, the scope of this project has been reduced to reduce the cost of this mission critical project to \$1,800.0. The FY17 amount allocated to this project, will allow UAA combine it with available prior year funding to allow the project to proceed.

UAA Community Campuses

- **KPC Campus Renewal**

Requested: FY17 (GF: \$750.0, NGF: \$0.0, Total: \$750.0)
 FY18-FY26 (GF: \$6,750.0, NGF: \$0.0, Total: \$6,750.0)
Distribution: GF: \$233.5

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 (KP101) 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.

Based on the proposed total UA DM/R&R Appropriation of \$10,500.0, the amount allocated to this project, \$233.5, will allow the campus to correct the most urgent of emerging campus renewal requirements.

- **Kodiak College Campus Renewal**

Requested: FY17 (GF: \$415.6, NGF: \$0.0, Total: \$415.6)
FY18-FY26 (GF: \$3,740.4, NGF: \$0.0, Total: \$3,740.4)

Distribution: GF: \$143.0

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 UAA 315 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.

Based on the proposed total UA DM/R&R Appropriation of \$10,500.0, the amount allocated to this project, \$143.0, will allow the campus to correct the most urgent of emerging campus renewal requirements.

- **PWSC Campus Renewal**

Requested: FY17 (GF: \$200.0, NGF: \$0.0, Total: \$200.0)
FY18-FY26 (GF: \$1,800.0, NGF: \$0.0, Total: \$1,800.0)

Distribution: GF: \$77.0

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.

Based on the proposed total UA DM/R&R Appropriation of \$10,500.0, the amount allocated to this project, \$77.0, will allow the campus to correct the most urgent of emerging campus renewal requirements.

- **Mat-Su Campus Renewal**

Requested: FY17 (GF: \$392.0, NGF: \$0.0, Total: \$392.0)
FY18-FY26 (GF: \$3,528.0, NGF: \$0.0, Total: \$3,528.0)

Distribution: GF: \$132.1

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

The buildings on the Mat-Su campus (MSC) are 15-30 years old and their roofs need to be replaced. With several of MSC's buildings reaching 25-30 years of age, it is prudent to plan for the replacement of building components during the next few years. Boilers systems in this region are an essential component. The boilers not already updated this summer range in age from 1979 to 1994. The boiler upgrades (with the oldest first) would allow for greater cost savings through energy efficiency as 80% efficiency boilers would be replaced with 95% efficiency boilers.

The original doors and hardware are still in use across the campus with some units being over 40 years old and heavily used. As these units wear, energy leaks are created within the buildings which increases the cost of operation and wear on other systems, resulting in an unbalanced environment within the buildings. Additionally, the failure of the hardware increases safety and security risks for the university that can result in substantial liability. Technology advancements increase the energy efficiency and security of these units, which will reduce expenses for the university.

Based on the proposed total UA DM/R&R Appropriation of \$10,500.0, the amount allocated to this project, \$132.1, will allow the campus to correct the most urgent of emerging campus renewal requirements.

- **KPC Kachemak Bay Campus Renewal**

Requested: FY17 (GF: \$120.0, NGF: \$0.0, Total: \$120.0)
FY18-FY26 (GF: \$1,080.0, NGF: \$0.0, Total: \$1,080.0)

Distribution: GF: \$55.0

A significant portion of the Kachemak Bay Campus Building (KB101, 7,200 sqft.) 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.

Based on the proposed total UA DM/R&R Appropriation of \$10,500.0, the amount allocated to this project, \$55.0, will allow the campus to correct the most urgent of emerging campus renewal requirements.

UAF Main Campus

- **ADA Compliance Campus Wide: Elevators, Ramps, Restrooms**

Requested: FY17 (GF: \$1,500.0, NGF: \$0.0, Total: \$1,500.0)
FY18-FY26 (GF: \$5,500.0, NGF: \$0.0, Total: \$5,500.0)

Distribution: GF: \$650.0

The Campus Wide ADA Compliance project is an on-going effort to bring the UAF Fairbanks campus and associated community and research campuses into compliance with ADA guidelines. This project includes accessibility improvements such as renovations to restrooms, improvements

to accessibility routes both inside and outside buildings, replacing drinking fountains, upgrading elevators, and modifying stairwell handrails. With funding received to date, code compliant restrooms have been created in 95 percent of UAF buildings, and work to upgrade interior and exterior ramps has been progressing. Over the last eight years, an average of \$330,000 has been spent on ADA compliance work annually. Future work will address additional ADA compliance issues, including installing elevators in buildings without them.

- **Elevator/Alarms Scheduled Upgrading and Replacement**

Requested: FY17 (GF: \$1,000.0, NGF: \$0.0, Total: \$1,000.0)
FY18-FY26 (GF: \$4,500.0, NGF: \$0.0, Total: \$4,500.0)
Distribution: GF: \$490.0

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, 28 elevators were identified as needing modernization upgrades. To date, approximately 70 percent of the identified elevators have been upgraded using DM funding. This request represents the latest installment of multi-year modernization plan and will address ADA, code, and deferred maintenance improvements in the campus elevator systems. Also included in this scope of work is routine and deferred maintenance on the many fire alarm systems in UAF facilities.

- **Fairbanks Campus Building Interior & Systems Renewal**

Requested: FY17 (GF: \$1,500.0, NGF: \$0.0, Total: \$1,500.0)
FY18-FY26 (GF: \$4,500.0, NGF: \$0.0, Total: \$4,500.0)
Distribution: GF: \$581.0

This project will focus on critically needed existing building interiors and systems renewal. Particular emphasis will be on instructional, research and resident life spaces.

- **Campus Infrastructure**

Requested: FY17 (GF: \$1,500.0, NGF: \$0.0, Total: \$1,500.0)
FY18-FY26 (GF: \$5,950.0, NGF: \$0.0, Total: \$5,950.0)
Distribution: GF: \$300.0

The UAF Fairbanks campus is serviced by infrastructure that was constructed up to 60 years ago when the student population and vehicle traffic were only a fraction of what they are today.

In addition to necessary communications infrastructure improvements, UAF Fairbanks Campus roads and building access are in major need of renewal and renovation. Unlike the state, UAF does not receive federal maintenance funding per mile of road. UAF also does not receive funding for projects that address air quality improvements such as bus pullouts and bike paths.

Typical projects include multiple sidewalk, curb, gutter and ramp improvements, exterior lighting systems and safety fencing at Sustainable Village Housing, the Voice over IP (VoIP) communication infrastructure upgrade, and future completion of the northern link of Tanana Loop. The project will also create safe and attractive pedestrian walkways and resurfacing of existing roads and renovation of sidewalks to maintain ADA compliance.

- **West Ridge Facilities Deferred Maintenance and Revitalization**

Requested: FY17 (GF: \$11,400.0, NGF: \$0.0, Total: \$11,400.0)
FY18-FY26 (GF: \$274,000.0, NGF: \$0.0, Total: \$274,000.0)

Distribution: GF: \$1,605.0

The majority of the facilities located on UAF's West Ridge were built in the late 1960s and early 1970s. Irvings 1 and 2, Elvey, O'Neill, and Arctic Health Research buildings serve multiple research and academic units on the Fairbanks Campus. The facilities house major academic programs for fisheries, biology, wildlife, physics, chemistry, agriculture and natural resource management. Elvey, home to the UAF Geophysical Institute, is a major center for many state emergency preparedness programs including the Alaska Earthquake information Center and the Alaska Volcano Observatory. The Arctic Health Building is home to several research programs that directly affect the health and welfare of thousands of Alaskans including the Center for Alaska Native Health Research and the School of Natural Resources and Agricultural Sciences. The Irving 1 facility is the home of the Institute of Arctic Biology and the Department of Biology and Wildlife. Hundreds of undergraduate, graduate, and master degree students learn, research, and teach in the building every day. The research intensive Irving 2 facility serves the Institute of Marine Sciences and School of Fisheries & Ocean Sciences.

These facilities, which represent nearly 500,000 gross square feet of space, are the key component to UAF's competitive edge in research relating to the people and places of the arctic regions. Research performed in the building represents over 50% of the total research revenue for the campus. Academic programs represented on West Ridge also affect over 1,500 undergraduates and graduates seeking a degree in a program offered on West Ridge.

The FY17 West Ridge DM funding will continue the progress of a major renewal on West Ridge, systematically working through the deferred renewal plan. Work will include initial (Phase 1) renovations in the Elvey building, which are now approaching critical status, and will be followed by Phase 2 renovations to include replacement of the failed exterior curtain wall, seismic upgrades, removal of asbestos fireproofing, Americans with Disabilities Act (ADA) compliance, replacement of major mechanical and electrical equipment, and improving energy use. Other smaller projects from the FY15 and FY16 plan will also be completed including demolition and relocation of a large animal facility, consolidation of multiple library stacks and subsequent space repurposing, and corrections to several failed foundations on existing facilities.

- **Patty Center Revitalization**

Requested: FY17 (GF: \$3,000.0, NGF: \$0.0, Total: \$3,000.0)
FY18-FY26 (GF: \$27,000.0, NGF: \$0.0, Total: \$27,000.0)

Distribution: GF: \$50.0

Constructed in 1963 to replace an existing 40-year old gym, the Patty Center now houses sports and recreational space for five National Collegiate Athletic Association (NCAA) Division II, and two NCAA Division I sports. This includes both men's and women's teams that are a vital part of UAF campus life and the Fairbanks community. In 2014 UAF completed a comprehensive facilities revitalization plan for the Patty Center complex. To date DM funding has been spent on minimal ADA restroom and seating upgrades, and gym flooring preservation. Seventy-nine percent of the current funding has been spent and 3 percent of the total 10-year funding request has been received. The requested funding will begin to implement the facilities plan, correcting an

abundant list of code citations, upgrading the center to meet basic competition standards, and extending the life of the 50-year-old facility.

- **Renewal & Renovation, Code, ADA**

Requested: FY17 (GF: \$24,500.0, NGF: \$0.0, Total: \$24,500.0)

Distribution: GF: \$2,424.3

UAF's R&R request represents a proportional share of the expected \$50.0 million UA system R&R request. The list of items above represents several high priority R&R, Code and ADA items and an estimated amount for allocation in FY17. These items are a small fraction of all UAF R&R and DM needs. Facility events may require reprioritizing and/or increasing or decreasing specific projects and allocation amounts based on those circumstances.

UAF Community Campuses

- **Rural Community Campus Renewal**

Requested: FY17 (GF: \$0.0, NGF: \$0.0, Total: \$0.0)

Distribution: GF: \$339.4

UAF has five community campuses serving rural areas of Alaska: the Bristol Bay campus which has three buildings built between 1981 and 2010; the Chukchi Campus which has one building built in 1976; the Interior Alaska Campus which has five buildings built between 1966 and 2010; the Kuskokwim Campus which has seven buildings built between 1974 and 2003; and the Northwest Campus which has fourteen buildings built between 1945 and 2004; and Rural College (located on the Fairbanks Campus) which has one building re-aged in 2003. Operating and maintenance funding provided for these buildings have been insufficient to address the need for building renewal and prevent the build-up of deferred maintenance issues. Projects will be prioritized based on approved facilities plans that address critical need, ADA and safety to include interior and external facilities infrastructure/building preservation, building systems issues, inefficient layout and design issues, and security issues. Work generally includes new architectural finishes on the inside and outside, new electrical distribution, corrected plumbing systems, and installation of code compliant heating and ventilations systems.

- **Community & Technical College (CTC) Renewal**

Requested: FY17 (GF: \$0.0, NGF: \$0.0, Total: \$0.0)

Distribution: GF: \$120.4

The Community & Technical College (CTC) in Fairbanks includes three buildings, one built in 1922, 1962 and 2005. Operating and maintenance funding provided for these buildings has been insufficient to address the need for building renewal and prevent the build-up of deferred maintenance issues. Projects will be prioritized based on approved facilities plans that address critical need, ADA and safety to include interior and external facilities infrastructure/building preservation, building systems issues, inefficient layout and design issues, security issues, and worn interior finishes that create an unwelcoming environment.

UAS Main Campus

- **Juneau Campus Roof Replacement**

Requested: FY17 (GF: \$300.0, NGF: \$0.0, Total: \$300.0)
FY18-FY26 (GF: \$250.0, NGF: \$0.0, Total: \$250.0)

Distribution: GF: \$324.0

This FY17 request will replace a portion of the existing roof at the Technology Education Center and the later year request will replace the remaining portions of the existing roof at the Technology Education Center. This project would remove the existing membranes and install a new fully adhered ethylene propylene diene monomer (EPDM) membrane and an additional thickness of thermal insulation over the entire roof.

- **Juneau Campus Site Lighting Replacement**

Requested: FY17 (GF: \$360.0, NGF: \$0.0, Total: \$360.0)
FY18-FY26 (GF: \$600.0, NGF: \$0.0, Total: \$600.0)

Distribution: GF: \$205.0

This project will replace existing exterior building lights, and pedestrian area lights with new lighting that will improve color rendition, light levels and energy use. New fixtures using light emitting diodes (LED) have become affordable for this application and will be supported by new aluminum poles for a longer functional life. These are the final phases of replacement of exterior lighting on the Juneau Auke Bay Campus. These two phases will replace pedestrian walkway lights at the student apartment complex, and street lights on University Way.

Approved by BOR 02/02/2016