



UNIVERSITY
of ALASKA

Many Traditions One Alaska

Proposed

FY25 Capital Budget

Board of Regents
November 9-10, 2023

Prepared by: University of Alaska System
Office of Strategy, Planning, and Budget
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<http://www.alaska.edu/swbudget/>

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Approved 11/10/2023

University of Alaska
Proposed FY25 Capital Budget Request Summary
(in thousands of \$)

	State Funds	Non-State Funds	Total Funds
Facilities Deferred Maintenance/Modernization	\$60 million or		
or Deferred Maintenance & Modernization Strategy	\$35 million annually		

In lieu of one-time capital funding, UA is pursuing a legislative strategy for consistent annual state funding to the "University of Alaska Major Maintenance and Modernization Fund". A modest revenue stream of \$35 million annually would bring UA greater financial stability, with historical appropriations and funding levels signifying broad support by the State of Alaska. Legislation will be proposed to establish a UA Major Maintenance and Modernization Fund and spending would be limited to projects on UA's approved projects list. To optimize the impact of the funding, project financing scenarios would consider cash and debt payments based on market conditions and the projects to be funded.

UA Priority FY25 Capital Requests

UAF Achieve Research 1 Status (top 4% nationally)	20,000.0		20,000.0
UAA Health Workforce Diversity Expansion Project Phase 2 & Library Learning Commons	6,000.0	2,000.0	8,000.0
UAS Mariculture Program Expansion	7,000.0	3,000.0	10,000.0
Proposed FY25 Capital Requests	33,000.0	5,000.0	38,000.0

UA FY25 Receipt Authority*

UAA Alaska Leaders Archives		20,000.0	20,000.0
UAF University Park Early Childhood Development Center		5,600.0	5,600.0
UAF Troth Yeddha' Indigenous Studies Center		53,000.0	53,000.0
UAF Arctic Emergency Services Workforce Center of Excellence (fire/police/EMS/dispatch)		38,500.0	38,500.0
UAS Egan Library / Cyril George Indigenous Knowledge Center		2,500.0	2,500.0
UA Capital Project Receipt Authority to Leverage External Funds		40,000.0	40,000.0
Proposed Receipt Authority Only	0.0	159,600.0	159,600.0

Economic Development Continuation

UAF Drone Program Year 3	10,000.0		10,000.0
UAF Alaska Railbelt Carbon Capture & Sequestration Project (depending on proposal success)	2,220.0	8,880.0	11,100.0

**Projects may require future state support.*

Facilities Deferred Maintenance/Modernization or Deferred Maintenance & Modernization Strategy
FY25 \$60 million or \$35 million annually

In lieu of one-time capital funding, UA is pursuing a legislative strategy for consistent annual state funding to the "University of Alaska Major Maintenance and Modernization Fund". A modest revenue stream of \$35 million annually would bring UA greater financial stability, with historical appropriations and funding levels signifying broad support by the State of Alaska. Legislation will be proposed to establish a UA Major Maintenance and Modernization Fund and spending will be limited to projects on UA's approved projects list. To optimize the impact of the funding, project financing scenarios would consider cash and debt payments based on market conditions and the projects to be funded.

Accountability Measures Include:

- The spending will be limited to the project list.
- Various funding approaches will be used to achieve the desired outcomes.
- A predictable funding stream will allow UA to commit to no new DM funding requests for a 6-year period.
- There will be a focus on operating efficiency to reduce ongoing costs.

UAF Achieve Research 1 Status (top 4% nationally)
(GF: \$20,000.0, NGF: \$0.0, Total: \$20,000.0)

The Carnegie Classification is a national ranking system for universities. R1 is the highest ranking of doctoral-granting research universities in the U.S. UAF currently ranks as an R2, "high research activity" university, which puts UAF within the top 7% of U.S. universities in research achievement. Attaining "very high research activity", or R1 status, would place UAF within the top 4% of U.S. universities and have wide-ranging positive impacts on UAF, the UA system, and Alaska's economy.

Securing R1 status at UAF has the potential to transform Alaska's economy. UAF has the opportunity to increase research revenues in the university and, more importantly, support local businesses and drive Alaska's economy. Achieving R1 status at UAF will attract the nation's top students and faculty to UAF, further improving business opportunities in Alaska. This prestigious ranking will provide global recognition for UAF and Alaska.

The Carnegie Classification System has specified 3-year review periods. UAF expects to achieve R1 status in the review cycle 2027. UAF is requesting \$20 million in FY25 state capital funding to make the changes necessary to achieve R1 status.

UAF achieving R1 research status is not just about growing research, it's about growing Alaska. This \$20 million investment will:

- Provide global recognition of research strength to draw talent to UAF, the UA System, and the State of Alaska.
- Support the recruitment, retention, and mentorship of graduate students and strengthen Ph.D. programs to help UAF sustain R1 in the future.
- Strengthen UAF's research portfolio while helping to advance Alaska-relevant priorities such as building climate resilience, mitigating natural hazards, revitalizing Alaska Native languages, and Indigenous ways of knowing, improving the health of Alaskans and our environment, and developing sustainable energy sources and infrastructure.
- Yield long-term financial growth through increased research revenue, student enrollment, and endowments.

UAA Health Workforce Diversity Expansion Project Phase 2 & Library Learning Commons
(GF: \$6,000.0, NGF: \$2,000.0 Total: \$8,000.0)

This project supports efforts to expand the College of Health's (CoH) ability to educate more students to fill high-demand state workforce needs. Programs supported by the renovation are WWAMI, nursing education, telehealth training, and inter-professional education programs. The complete project renovates the remainder of the Sally Monserud Hall (SMH), and accounts for the displacement of the Learning Commons into the Library. The entirety of this effort promotes growth through renovation with a focus on student success. By relocating the learning commons into the library, it allows the University to streamline student services and increase vibrancy in an important community-facing facility, while by renovating SMH, UAA is facilitating the programmatic growth of the CoH within the existing footprint. This request represents an investment in SMH, creating a flexible simulation lab, additional debrief space, and supporting infrastructure. Additionally, it addresses the relocation of the Learning Commons into the Library.parkpark

**UAS Mariculture Program Expansion
(GF: \$7,000.0, NGF: \$3,000.0, Total: \$10,000.0)**

The UAS Sitka Mariculture Program Expansion (SMPE) project will increase the square footage and create new infrastructure to support the Applied Fisheries Mariculture program at the UAS Sitka campus. The project will construct a new laboratory space that includes access to fresh seawater, rearing tanks, and equipment for the operation of growing Mariculture shellfish. Depending on the final selected option, additional facilities may be required. This includes a moorage, an ocean ramp, or a building addition. Expanding the laboratory will allow for increasing the variety of items that are grown, enhancing the student experience.

**UAA Alaska Leaders Archives
(GF: \$0.0, NGF: \$20,000.0, Total: \$20,000.0)**

The Alaska Leaders Archives will preserve and promote the legacy of public service and leadership in Alaska. Established at the University of Alaska Anchorage, the archives will hold the public records, papers, and artifacts of Alaska's public leaders. The archival papers of Senator Ted Stevens, and prospectively Congressman Don Young, will hold a preeminent role in the archive's collections. The archives will also include papers from more than 100 Alaska leaders including Governor Jay Hammond, Governor Wally Hickel, Vic Fischer, Willie Hensley, and numerous others. The archives will include records of Alaska Native Corporation leaders, tribal leaders, as well as business and community leaders who played key roles in Alaska's history and arctic policy. The archives will be accessible to students, faculty scholars, policymakers, and the general public.

The Alaska Leaders Archives will include programming in support of Alaska and Arctic Public Policy and will be housed at the UAA/APU Consortium Library. Facility renovations to the existing library will create a modern archive, enhanced academic and conference space, and a public-facing museum. This unique public repository will bring together, in one place, the documents of Alaska leaders and hold these artifacts for future generations. The archives will allow Alaskans and visitors an opportunity to study and relive events that have shaped our state's history. UAA will present these archives to the public for study and discussion without regard for political considerations or affiliations. The university will use these historical records as the base foundation to advance pathways for civic engagement and programming for public service, dialogue, and active civic engagement. In FY24 UAA received a \$6 million federal earmark from the Alaska Community Foundation to support the preservation, processing, and digitization of records of Alaskan leaders. Federal funding (\$10 million) is being considered for the Alaska Community Foundation on behalf of the Ted Stevens Foundation, with the University as a sub-award recipient. An additional \$3 million is being considered for a direct federal earmark.

**UAF University Park Early Childhood Development Center
(GF: \$0.0, NGF: \$5,600.0 Total: \$5,600.0)**

UAF has long needed more childcare and childhood development options for employees and student-parents. The program is driven by the University's continued growth in non-traditional students seeking post-secondary education while still maintaining employment and a family. UAF must also be a competitive employer, expanding childcare options for employees that support UAF's academic, outreach, and research efforts. While the University Park building is well-suited to support childcare, it has significant renewal and repurposing needs. This project will renew and repurpose the southwest wing of the University Park building to support a change of use for an Early Childhood Development Center.

This work includes the renewal of 10 classrooms and associated ancillary spaces to create early childhood education labs and the construction of age-appropriate restrooms, eating, and playground facilities. Major mechanical and electrical systems will also be revitalized to serve the intended purpose. This facility improvement also helps expand childcare offerings in the Fairbanks area, where these services are limited in the community, impacting employee workforce needs and productivity. UAF is exploring agency partnerships to increase childcare offerings; this renovation is a requirement to support this effort. A potential federal grant will provide the majority of the funding required for the renovations.

**UAF Troth Yeddha' Indigenous Studies Center
(GF: \$0.0, NGF: \$53,000.0 Total: \$53,000.0)**

UAF is an established state leader in Alaska Native studies, research, and teaching and is on track to become a global leader in the field of Indigenous studies. With growing demand for expertise in Indigenous knowledge systems and increasing enrollments of Alaska Native and American Indian students, UAF is positioned to become the first public university in the nation to have an Indigenous Studies Center that offers a comprehensive portfolio of research, learning,

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and student support programs. The Troth Yeddha' Indigenous Studies Center is the pathway forward to advance the many goals of the Alaska Native Success Initiative and UAF's 2023-2027 strategic plan.

Timing is crucial as UAF responds to emerging demand in areas such as the revitalization of Indigenous culture and languages and the integration of Indigenous knowledge in Arctic research. Indigenous knowledge systems hold critical value to many academic disciplines and to the future of global sustainability as a whole. In order to meet current and projected needs, UAF launched the Troth Yeddha' Indigenous Studies Center Initiative. The facility will encompass:

- A state-of-the-art facility that reflects Indigenous design and architecture inspired by the first peoples of the Arctic.
- A mixed-use space that will house innovative research, learning, and student support programs including a technologically equipped teaching kitchen for instructional content related to Indigenous food systems, ethnobotany, etc.
- A surrounding park to support cultural gatherings, celebrations, and events, Indigenous landscaping, and viewing areas honoring the contributions of Alaska Native peoples to the university and state.

Funding is expected to be a mix of private (~\$43M) and federal (~\$10M) funds.

UAF Arctic Emergency Services Workforce Center of Excellence (fire/police/EMS/dispatch) (GF: \$0.0, NGF: \$38,500.0 Total: \$38,500.0)

The proposed Arctic Emergency Services Workforce Center of Excellence will provide space to meet the current demand and future growth of the emergency services programs and continue to fulfill the University's missions and goals of high-demand workforce development in emergency services. Combined educational and workforce development programs offered through UAF's Community and Technical College (CTC) and College of Rural and Community Development (CRCDC) urgently need a new facility and instructors to meet the workforce demand. The CTC emergency services academies, credentialing, degree programs, and occupational endorsements, along with UAF's baccalaureate security and emergency management program, provide a solid educational foundation for emergency services; however, additional support is required to increase the number of students who are familiar with the latest equipment and processes, are trained in real-world scenarios, and engage in continuing education, refresher courses, and certifications.

The replacement facility is envisioned as a living laboratory for student emergency responders attending classes and labs adjacent to a fully functional emergency services station. The facility will contain apparatus bays and support spaces for fire and EMS, firefighter/medic living quarters for on-duty members, and training labs and classrooms for emergency services.

- Education and training facilities will allow UAF to meet the state's need for high-demand workforce development and training for first responders and other high-demand job areas; especially in a post-pandemic environment where healthcare and emergency responders have been lacking.
- Alaska needs an in-state destination for job candidates and personnel from rural Alaska to receive safety services training. Agencies in rural Alaska are already reaching out to UAF to improve ways to receive training.
- Alaska's major career emergency service (fire and EMS) departments in Anchorage, Fairbanks, Soldotna, and Juneau will hire between 190 and 220 firefighters and paramedics into existing jobs over the next five years. This number could be much higher. The Anchorage Fire Department, for example, has 125 employees eligible to retire in 2025 alone. Training Alaskans to do this work is critical and needs action now.
- New, modern indoor space providing training labs and classrooms for credentialing, certificates, and degree programs, as well as apparatus bays and support spaces for fire, EMS, and law enforcement operations complete with high technology simulation labs, will meet the current and projected industry demand for a trained emergency services workforce in Alaska.
- Maintenance of a highly trained and skilled workforce is an ongoing process that requires not just a facility but also the resources for instructors to remain relevant in science and technology.
- UAF's Wildland Fire Crew is a cooperative agreement with the State of Alaska. The crew provides on-the-job training to students enrolled in the wildland fire science program delivered through the Interior Alaska Campus within CRCDC. While providing training, the crew adds to the state's fire suppression resources. Revitalizing this program and leveraging UAF's CTC programs through this facility and program expansion will be a great contribution to workforce development and will provide certifications, licensing, and degree programs to build Alaska's emergency services workforce.

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UAF is pursuing a grant from the U.S. Economic Development Administration to fund the project.

UAS Egan Library / Cyril George Indigenous Knowledge Center

(GF: \$0.0, NGF: \$2,500.0 Total: \$2,500.0)

More UAS students enrolled in 2021 Introduction to Alaska Native Studies (ANSS101) than in any other class offered at UAS. This project promotes student enrollment by reinforcing student's enthusiasm for learning about Alaska Native culture. Indigenous languages of Southeast Alaska (Tlingit, Haida, and Tsimshian) are critically endangered with fewer than 200 fluent speakers. This project aims to create an Indigenous Knowledge Center to:

- Centralize and promote the quality and value of Alaska Native/Indigenous knowledge.
- Develop an Elders and Indigenous Scholars in Residence program.
- Enhance access and delivery of hybrid courses in Alaska Native Languages to preserve the continuity of endangered indigenous languages.

The creation of the Cyril George Indigenous Knowledge Center (CGIKC) will focus on a primary architectural space, created sympathetically within the existing structure of the Egan Library. It will incorporate stacks for the primary book and audio/video collection, as well as provide a central socialization/conversation space and designated display space for Northwest Coast Art. This space will have the capacity for hosting and broadcasting small events and function as the conduit or entry to other associated spaces so that overall cohesion and identity to the center are clearly established.

Design concepts for the facilities include the following components:

- Language Classroom and related spaces. A mid-size (20-30 seats) classroom for language instruction purposes fully outfitted to support a sophisticated blended/hybrid environment for the study of Alaska Native Languages. An adjacent gathering space with a kitchen for cultural food preparation, event staging, storage, a pantry, and a small break area with a table.
- Instructional Technology Storage to provide a secure space for electronic and media equipment specific to language instruction.
- Private Audio/Study Labs. Two small spaces, acoustically separated from adjoining spaces but configured to allow visual control and connectivity to be used for language and oral history recording as well as for work with elders and students.

Funding is expected to be from a mix of private (\$1M) and federal (\$1.5) funds.

UA Capital Project Receipt Authority to Leverage External Funds

(GF: \$0.0, NGF: \$40,000.0 Total: \$40,000.0)

This request estimates the external funds UA seeks to leverage from federal, local, and private sources to help address the growing deferred maintenance backlog across the UA system. Additional federal (\$20 million) and university (\$20 million) receipt authority is needed for future capital projects at the main and community campuses.

Prior externally funded capital projects include:

- Department of Education "Renovation for Postsecondary Success": renovated buildings at the Northwest Campus in Nome.
- Department of Education "Title III Part F Renovation Grant": renovated UAS Ziegler building in Ketchikan.
- Department of Labor "Preparing the Unemployed for the Mining Sector": renovated space in the UAF Duckering building.
- UAA & UAF Career and Technical College aircraft donations.

UAF Drone Program Year 3

(GF: \$10,000.0, NGF: \$0.0 Total: \$10,000.0)

The University of Alaska conducts many of the testing operations needed to support the full integration of drones with traditional aircraft in U.S. airspace and develop the workforce needed to support this emerging industry in Alaska. Drones, a.k.a. Unmanned Aircraft Systems (UAS), stand on the precipice of transforming the methods by which remote infrastructure monitoring with the oil and gas industry, medical supply and cargo delivery to aviation-dependent communities, mapping and surveying, wildlife monitoring and protection, and an ever-growing list of new drone applications of import to Alaskans occur. Drones have the potential to conduct these missions more safely and economically than can be done at present and improve the quality of life for people living across Alaska, especially in rural communities. Both developing UAS technologies and conducting UAS operations have the potential to be economic

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drivers across Alaska. Additionally, international drone air cargo flights utilizing drone cargo hubs in Alaska, such as the Fairbanks International Airport, have the potential to greatly increase Alaska's international standing as a leading cargo gateway and provide emerging economic opportunities for Alaska. Alaska possesses the perfect environment for testing the technologies, policies, and procedures needed to conduct real-world drone cargo operations with minimal risk to people on the ground and other aircraft. Emerging technologies and supporting educational programs take time to develop. This is year 3 of a multi-year plan.

UAF Alaska Railbelt Carbon Capture & Sequestration Project (depending on proposal success) (GF: \$2,220.0, NGF: \$8,880.0 Total: \$11,100.0)

In partnership with the State of Alaska, UAF, and its project partners submitted an \$11.1 million proposal to the U.S. Department of Energy (DOE) for “Carbon Storage Assurance Facility Enterprise (CarbonSAFE), Phase II”, to conduct a CO2 Storage Complex Feasibility assessment. This ambitious effort will support the pursuit of a low-carbon, economically affordable, reliable energy supply option to address the pending shortage of natural gas and electricity supply in the Railbelt of Alaska.

The project objective is to enable wide-scale deployment of carbon capture and storage (CCS) by assessing and verifying the feasibility of using the proposed storage complex (the Beluga River field) in southcentral Alaska for the safe and cost-effective commercial-scale (i.e., ≥ 50 million metric tons (Mt) within 30 years) storage of anthropogenic CO2 emissions captured from a proposed new 400-megawatt gross, dual-fuel capable, power generation plant (Susitna Power Plant project sponsored by Flatlands Energy) and two existing facilities in southcentral Alaska. The feasibility study will evaluate the aggregation of CO2 captured from these sources for injection into a geologic storage complex on the northern shore of Cook Inlet Basin.

DOE requires a 20 percent cost share commitment or \$2.2 million of the proposed \$11.1 million budget. Should UAF be the successful recipient of the DOE award, UAF's ability to accept it is contingent upon the state of Alaska providing matching funds to UAF.

University of Alaska
Deferred Maintenance (DM) and Modernization Strategy
Working List of Projects
(in thousands of \$)

MAU	Project Name	City	DM	R&R	Total	FY25 \$60M
UAA	East Campus Learning Hub Renewal Project: Social Sciences Building and UAA/APU Consortium Library	Anchorage	40,000.0	0.0	40,000.0	4,600.0
UAA	Student Center Renewal Project: Renovates and Reinvests in Student Union, Avis Alaska Sports Complex, Enrollment Services Center, and the Creek Bridge	Anchorage	38,000.0	42,000.0	80,000.0	
UAA	Major Re-investment in Health (PSB/SMH) and Community Engagement (WWA)	Anchorage	40,000.0	0.0	40,000.0	4,375.0
UAA	Targeted Investments Reducing DM&RR in Welding, Auto Diesel Technology, Aviation, and Culinary Programs	Anchorage	15,000.0	0.0	15,000.0	5,125.0
UAA	Elevator Upgrades Campus Wide: Code Compliance, Emergency Services, and Security Improvements; Roof and Exterior Envelope Replacements; Mechanical/Electrical System Upgrades	Anchorage	15,000.0	0.0	15,000.0	
UAA	Kodiak Campus Wide: Priority investments in mechanical, electrical, energy egress, exterior doors, and roofs	Kodiak	1,309.0	0.0	1,309.0	955.6
UAA	Prince William Sound Campus Wide: Priority investments in mechanical, electrical, fire alarm systems, roofs, campus interiors and campus accessibility	Valdez	5,313.0	0.0	5,313.0	998.0
UAA	Mat-Su Campus Wide: Priority investments in mechanical, electrical, and interior systems	Mat-Su	2,226.0	0.0	2,226.0	1,194.4
UAA	Kenai Peninsula College (Kenai Campus): Priority investments in mechanical and electrical systems	Kenai	740.3	0.0	740.3	740.3
UAA	Kenai Peninsula College (Homer Campus): Priority investments in mechanical and electrical systems	Homer	411.7	0.0	411.7	411.7
UAF	Campus Wide Student Health and Safety; Cutler roof; Patty Pool Compliance; Fine Arts, Gruening, Signers fire alarms; BiRD laboratory ventilation; Student Health Clinic Renewal; Salisbury ADA and Seismic Retrofit	Fairbanks	30,100.0	0.0	30,100.0	20,950.0
UAF	Campus Wide Code Compliance; Fine Arts and Signers Hall Emergency Egress Doors, Matanuska Farm Public Water System Replacement	Fai. and Mat-Su (Palmer)	8,450.0	0.0	8,450.0	8,450.0
UAF	Interior Building Systems Renewal; Campus Restrooms and Seward Hood Lab	Fai. and Seward	4,500.0	0.0	4,500.0	2,500.0
UAF	Campus Pedestrian Pathways and Exterior Infrastructure Renewal	Fairbanks	1,400.0	0.0	1,400.0	1,400.0
UAF	Community and Technical College Center Code Corrections and Renewal	Fairbanks	800.0	0.0	800.0	800.0
UAF	Critical Utility Distribution Renewal on the Troth Yeddha' Campus: water, condensate, and steam system renewal and asbestos abatement	Fairbanks	12,250.0	0.0	12,250.0	0.0
UAF	Kuskokwim Campus Renewal; Code corrections, fire alarm replacement, and energy upgrades to reduce operating cost	Bethel	4,629.5	0.0	4,629.5	945.0
UAF	Northwest Campus Foundation Replacement and ADA Compliance	Nome	3,600.0	0.0	3,600.0	1,100.0
UAF	Bristol Bay Campus Energy Efficiency Upgrades	Dillingham	515.5	0.0	515.5	

University of Alaska
Deferred Maintenance (DM) and Modernization Strategy
Working List of Projects
(in thousands of \$)

MAU	Project Name	City	DM	R&R	Total	FY25 \$60M
UAF	Interior Alaska Campus Tok Center Renewal and ADA Compliance	Tok	255.0	0.0	255.0	255.0
UAF	Ben Eielson Renewal	Fairbanks	14,700.0	5,300.0	20,000.0	
UAF	Arctic Emergency Services Center (Whittaker Fire Station replacement)	Fairbanks	23,400.0	10,100.0	33,500.0	
UAF	Lola Tilly Repurpose to Student Welcome Center	Fairbanks	12,700.0	7,300.0	20,000.0	
UAF	Patty Center Renewal & Revitalization	Fairbanks	40,000.0	0.0	40,000.0	
UAF	Elvey Replacement or Renewal	Fairbanks	90,000.0	0.0	90,000.0	
UAF	Employee, Family, and Graduate Students Housing	Fairbanks	6,000.0	0.0	6,000.0	
UAF	Core Campus Academic Building Modernization and Renewal: Duckering Engineering Spaces, Bunnell Building, and Fine Arts Theater Wing	Fairbanks	45,000.0	40,000.0	85,000.0	
UAF	Student Success: Undergraduate Residence Hall Demo and Replacement	Fairbanks	13,000.0	15,250.0	28,250.0	
UAS	Juneau Campus Safety & Regulatory Compliance - covered walkways, security cameras and door-locking systems	Juneau	40.0	1,030.0	1,070.0	1,070.0
UAS	Ketchikan Campus - Heating system backup, weatherization, door locking system, building automation system	Ketchikan	580.0	350.0	930.0	650.0
UAS	Sitka Campus - Backup power generator, window replacement, elevator	Sitka	260.0	500.0	760.0	760.0
UAS	Juneau Campus - Replace roofs, windows, siding and insulation	Juneau	1,180.0	0.0	1,180.0	420.0
UAS	Juneau Campus Exterior Infrastructure - Renovate water main, replace fuel tank, pavement replacement, sidewalk lighting	Juneau	1,170.0	1,190.0	2,360.0	1,420.0
UAS	Juneau Campus Interior Systems - Heating system, update generator controls	Juneau	700.0	0.0	700.0	580.0
UAS	Soboleff Building Renewal	Juneau	4,800.0	3,200.0	8,000.0	
UAS	Novatney Lower Floor Renovation	Juneau	1,200.0	1,800.0	3,000.0	
UAS	Renovation for NW Coast Arts and Student Services Areas	Sitka	3,000.0	3,000.0	6,000.0	
UASO	Butrovich Building Seismic Improvements	Fairbanks	5,000.0	9,500.0	14,500.0	300.0
UASO	Butrovich Ceiling and Lighting Replacements	Fairbanks	2,000.0	0.0	2,000.0	
			489,230.0	140,520.0	629,750.0	60,000.0
UAA			158,000.0	42,000.0	200,000.0	18,400.0
UAF			311,300.0	77,950.0	389,250.0	36,400.0
UAS			12,930.0	11,070.0	24,000.0	4,900.0
UASO			7,000.0	9,500.0	16,500.0	300.0
			489,230.0	140,520.0	629,750.0	60,000.0

**UAA East Campus Learning Hub Renewal Project: Social Sciences Building and UAA/APU Consortium Library
Amount: \$40,000.0**

This project targets DM/R&R in two critical facilities in alignment with our campus master plan in support of the learning hub, specifically the UAA/APU Consortium Library and the Social Sciences Building. There is currently \$56M in DM at the Consortium Library and Social Sciences Building. This project aims to reduce that backlog by \$40M, primarily by prioritizing mechanical and electrical systems that are beyond their useful life. Mechanical and electrical system investments will reduce energy consumption, lower operating costs, and improve the quality of the space for occupants with an overall goal of improving the first and second-year campus experience for students.

**UAA Student Center Renewal Project: Renovates and Reinvests in Student Union, Avis Alaska Sports Complex, Enrollment Services Center, and the Creek Bridge
Amount: \$80,000.0**

In alignment with the master plan, this project will renovate and re-invest in the Student Union, Avis Alaska Sports Complex, Enrollment Services Center, and Creek Bridge. There is currently \$45M in DM with an additional \$38M coming due over the next decade at the Student Center Complex, this project aims to reduce all backlog and make a meaningful impact on adjacent and supporting building systems with a focus on mechanical and electrical systems. Mechanical and electrical system investments will reduce energy consumption, lower operating costs, and improve the quality of the space for occupants with an overall goal of improving the first and second-year campus experience for students.

**UAA Major Re-investment in Health (PSB/SMH) and Community Engagement (WWA)
Amount: \$40,000.0**

In alignment with the master plan, and in support of workforce development through the College of Health and improving community engagement, this project seeks to target DM-R&R in the Professional Sciences Building (PSB), the Sally Monserud Hall (SMH), and the Wendy Williamson Auditorium (WWA). There is currently \$57M of DM at the PSB, SMH, and WWA buildings. This project aims to reduce that backlog by \$40M in support of our efforts to meet the growing workforce demand in health programs.

**UAA Targeted Investments Reducing DM&RR in Welding, Auto Diesel Technology, Aviation, and Culinary Programs
Amount: \$15,000.0**

In alignment with the master plan, this project seeks to address DM-R&R in facilities leveraged by the Community & Technical College, facilities such as the Auto Diesel Technology Building, the Aviation Complex, the Lucy Cuddy, and the Gordon Hartlieb Hall. These facilities have a combined backlog of \$34M. This project will address \$15M through investments primarily in mechanical and electrical systems.

**UAA Elevator Upgrades Campus Wide: Code Compliance, Emergency Services, and Security Improvements; Roof and Exterior Envelope Replacements; Mechanical/Electrical System Upgrades
Amount: \$15,000.0**

This is a campus-wide project consisting of elevator upgrades, code compliance requirements, emergency services, security improvements, roof and exterior envelope replacements, and mechanical/electrical system upgrades.

**UAA Kodiak Campus Wide: Priority investments in mechanical, electrical, energy egress, exterior doors, and roofs
Amount: \$1,309.0**

Kodiak College (KOC) facilities were constructed in the 70s and 80s. Given the age of construction, current building standards are not met, and building systems require renewal to maintain the building's useful life while simultaneously reducing operating costs. KOC has an immediate backlog of \$1.7M of which this project will address \$1.3M through investments in mechanical, electrical, emergency egress, exterior doors, and roofs.

**UAA Prince Willam Sound Campus Wide: Priority investments in mechanical, electrical, fire alarm systems, roofs, campus interiors, and campus accessibility
Amount: \$5,313.0**

The Prince William Sounds College (PWSC) primary facilities were constructed in the 70s and require re-investment in addition to the main facility PWSC benefits from having residence halls located three blocks south of the main building.

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PWSC has an immediate backlog of \$6.7M of which this project will address \$5.3M through investments in mechanical, electrical, fire alarm systems, roofs, campus interiors, and campus accessibility.

UAA Mat-Su Campus Wide: Priority investments in mechanical, electrical, and interior systems

Amount: \$2,226.0

The majority of the Matanuska Susitna College (MSC) facilities were constructed in the 70s, 80s, and 90s. While the campus is well cared for, there are still several building systems and elements that are beyond their useful life. MSC has an immediate backlog of \$2.8M of which this project will address \$2.2M through investments in mechanical, electrical, and interior systems.

UAA Kenai Peninsula College (Kenai Campus): Priority investments in mechanical and electrical systems

Amount: \$740.3

The Kenai River Campus (KPC) includes four buildings built between 1971 and 1983. Each building is of different quality having been constructed using different construction methods, materials, and systems. KPC has an immediate backlog of \$934K of which this project will address \$740K through investments in roofs, mechanical, and electrical systems.

UAA Kenai Peninsula College (Homer Campus): Priority investments in mechanical and electrical systems

Amount: \$411.7

The main Kachemak Bay Campus (KBC) facility, Pioneer Hall, was constructed in the 1970s and expanded in '05. The newest space, Bayview Hall, was constructed in 2010. KBC has an immediate backlog of \$520K of which this project will address \$411K through investments in mechanical and electrical systems.

UAF Campus Wide Student Health and Safety; Cutler roof; Patty Pool Compliance; Fine Arts, Gruening, Signers fire alarms; BiRD laboratory ventilation; Student Health Clinic Renewal; Salisbury ADA and Seismic Retrofit

Amount: \$30,100.0

Providing a safe campus for Nanook Students is the top priority at UAF. UAF works diligently to maintain healthy facilities, reduce risk to building occupants, and ensure students have the safest experience possible. Yet, the aging campus requires larger upgrades to eliminate dangers, reduce risk, and prevent injury. There are many facilities constructed prior to code adoption in the State of Alaska that do not meet current requirements for ventilation, disease mitigation, emergency egress, ADA/Title IX, and fire protection. Other facilities have system failures that cause swift disruptions and displacements of building occupants. Leaking roofs lead to structural and mold concerns where students are living, while outdated equipment can create noise and vibrations in teaching laboratories.

Ensuring student welfare requires an ongoing effort to modify and upgrade every component of campus from roofs, elevators, building envelopes, and restrooms to fire alarms, class laboratory ventilation, and security infrastructure. Projects in this category directly affect students by mitigating present risks, repairing failed systems, and improving the safety of the on-campus environment.

- **Cutler Apartment Roofing:** The Cutler Apartments are the largest and most popular apartment-style housing offered on the Troth Yedda' Campus in Fairbanks. Over multiple years, the roof systems have failed and relied on patches to continue to allow occupancy. Three phases have been completed since 2016 leaving three more blocks to complete. Recent inspections on the 100-block of apartments have revealed the roof has failed beyond the point of patching and substantial structural members have substantial rot. Secondary effects of the ongoing leaks include crumbling ceilings and mold in the upper-level restrooms. The project will remove the failed roofs and abate the rotted structure then rebuild the systems with additional insulation and vapor barrier and a roof that has a long warranty.
- **Patty Pool Code Corrections:** The Patty Pool is one of three public pools in the borough and is host to multiple communities, high schools, and NCAA-sanctioned collegiate events, recreational activities, and classes. The highly utilized 60-year-old pool has been well maintained but requires renewal to address a variety of issues such as the buildup of dangerous gases caused by water treatment, to the lack of a vapor barrier in the exterior wall, leading to mold growth and structural damage. The immediate renewal needs of the project will be the installation of a new ventilation system sized to Alaska-specific regulations, renewal of the exterior wall with a proper vapor barrier, and repairs to the concrete wall system. Work will also include repairing structural and non-structural

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cracks in the pool vessel and deck, installing a fire sprinkler system, replacing the natatorium lighting, and installing corrosion-resistant sound-absorption systems to reduce noise levels.

- **Campus Wide Fire Alarm Replacement for End of Life:** Approximately 23 fire alarm panels on the Troth Yeddha' Campus in Fairbanks have reached their end of life, and the manufacturer is no longer supporting them. Panel failures are causing buildings to be closed or post a fire watch. A comprehensive plan has been created to strategically replace panels, reserving those parts for buildings that still have older systems. The next facilities to replace are Gruening, Fine Arts, UA Museum of the North, and Signers' Hall.
- **Lab Ventilation Air Controller Replacement:** Lab ventilation is required to maintain a specific amount of exhaust air to protect lab users from hazardous chemicals. Many of the lab controllers, built by Phoenix Controls, have reached the end of their useful life and are no longer supported by Phoenix, and must be replaced to keep the air in labs free of hazardous fumes. The majority of these failing valves affect classroom laboratories where students are actively utilizing chemicals. Without the air valve, the required supply and exhaust air cannot be exchanged in the spaces. The Biological Research and Diagnostics and Reichardt Building are in the queue.
- **Fine Arts Salisbury Theater ADA Upgrade, Code Corrections, and Seismic Bracing:** Salisbury Theater is the only facility in the Interior of Alaska capable of accommodating UAF's multitude of academic degrees in arts, music, and theater. The theater supports UAF's emerging journalism and video production program which connects with many other programs such as the OneHealth Research initiative. During a recent fire inspection, multiple deficiencies were noted, and the facility was closed by the local fire marshal. The most egregious building code deficiencies at the stage level were corrected during the summer of 2022. However, larger items that require substantial budget and time were developed into a long-range code corrections plan. The fire marshal provided conditional approval to reopen the theater based on the balance of code corrections being completed within 2 years. The renewal work includes addressing seismic restraint bracing, ADA compliance at the stage, and fire code separation of the stage from the storage area.
- **Duckering Materials Lab Code Corrections:** An inadequate teaching lab in Duckering, utilized for civil and geological engineering instruction, is too small to accommodate the required occupant load and does not have adequate ventilation. The lab is also not ADA-accessible and providing reasonable accommodations is not easily achieved. The only dust collector in the room is not adequately sized to provide respiratory protection and the noise levels require substantial ear protection. To resolve the issues, the project will connect two teaching labs and bifurcate soil testing from concrete mixing, provide proper lab supply and exhaust air, and move the dust collector and soil sieve machines to a separate room for noise abatement.
- **Student Health and Counseling Center Renewal Phase 2:** The UAF Student Health and Counseling Center provides all UAF students with medical care (up to emergent care) and counseling. The center is an on-campus first-care resource, offering low-cost access to physicians and caregivers. The clinic has not been renovated since it was built in the early 1970s and during the recent pandemic, systemic issues with patient separation, treatment room access, and caregiver protection quickly caused operational issues. UAF completed an initial phase of construction utilizing federal COVID relief funding to address acute issues with patient bifurcation. The next phase of construction will further update the clinic to modern healthcare standards by installing better ventilation, cleanable finishes, and improved lighting. A restroom in the clinic will also be renovated for ADA access.
- **Meeting Alaska Industry Needs through Modernizing Duckering Engineering Spaces:** Emerging STEM programs, mainly in programs such as Upward Bound, Engineering Support of Natural Resources and Workforce Development, and Energy Engineering degree program, have expanded in participation and research capacity. The program expansion has outgrown the available laboratory spaces in Duckering. The project will renovate older, recently vacated labs, for new modern STEM needs and leverage existing space in the building to offer expanded opportunities in STEM. Through the renewals, better space utilization will be achieved, and new initiatives and existing student engagement activists can blend into the space in Duckering such as T3, Upward Bound, ANSEP, and maker spaces. The work will tie into the UAF Middle College STEM offerings and the new academic program for the Energy Engineering program.

UAF Campus Wide Code Compliance; Fine Arts and Signers Hall Emergency Egress Doors, Matanuska Farm Public Water System Replacement

Amount: \$8,450.0

Safety and regulatory compliance projects provide updates to building features meant to protect the occupants and reduce risk to our students, staff, and faculty. With nearly half of the UAF facilities built prior to building code enforcement, substantial work is needed to update modern codes and improve compliance and safety on campus. Compliant, safe drinking water and sanitary facilities support campus health and welfare. A distinct component of building codes is ADA accessibility. As a public institution, UAF is required to provide accommodations for everyone regardless of physical capacity.

Safety and regulatory compliance projects provide updates to building features meant to protect the occupants and reduce risk to our students, staff, and faculty. Work includes updating ventilation to ensure sufficient fresh air is supplied to occupied rooms, replacing fire alarm systems, correcting emergency egress paths, and abating asbestos-containing material.

- **Cutler Apartment Complex ADA Compliance:** The existing sidewalks along the Cutler Apartments Block 400-600 are failing, dimly lit, and do not meet ADA requirements. The ADA apartments are only accessible from the east end of the block and the pathway has failed. The project will replace sidewalks, ramps, stairs, and retaining walls along these apartments to ensure ADA compliance.
- **Bunnell Ground Code Corrections:** The 60-year-old Bunnell Building is highly utilized for academic programs, classrooms, and the UAF Office of Information Technology. The ground-level corridor is well-traveled, and the finishes show their extended age. In the main ground level corridor: Replace corridor doors, ceilings/lights, and upgrade electric and IT as needed, remove asbestos, and bring corridor walls into code compliance for fire separation. The work will also update the exit pathways of the two north stair towers to lead directly to the outside; currently, the stairs exit to a non-compliant corridor.
- **Fairbanks Campus Wide Doors and Security Renewal:** Many of the exterior and emergency exit doors do not meet current fire codes or ADA regulations. Over a period of three years, UAF developed a multi-phased plan to complete a door hardware inventory, design and purchase a new keying system, establish a robust key issue policy, and begin replacing doors and door hardware. Electronic locks are installed on exterior doors to allow for fast lock-down of a building whether at the end of the normal business day or during a violent intruder event. The next phase of renewal will replace exterior doors and/or hardware at 10 facilities not completed previously, including Signers' Hall and the Fine Arts Complex.
- **O'Neill Elevator Modernization:** Manufactured and installed in 1971 by US Elevator, this elevator has never been modernized and US Elevator is no longer in business. The existing equipment is a motor/generator supplying direct current (DC) power to a motor-driven machine with an antiquated relay logic controller. Modernization and upgrades will include a new machine and 3-phase alternating current (AC) motor, a new digital variable-frequency drive (VFD) controller, new door operators for the car and lobbies, a new governor, new ropes, car finishes, lights, and a control panel.
- **Matanuska Experiment Farm and Extension Center Public Water Code Compliance:** The Matanuska Experiment Farm and Extension Center (MEFEC) is currently served with a private water system not capable of meeting the required water quality standards for a public water system nor the needed fire flow for the campus fire sprinkler systems and fire suppression. The existing system consists of a well, a water-holding reservoir, and a diesel engine fire pump for the fire system. A recent inspection noted significant deterioration of the systems that supply the campus. As the campus enters a period of renewed growth and research capacity, increased demand will be placed on this private system. The work will extend the public water utility from the existing terminus on Woodworth Loop to the MEFEC campus connection point near the current water reservoir, install hydrants as required by code and local regulations, and install a bypass loop back to the point of origin to ensure constant flow during the winter months.

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- **Hess Village Family Housing ADA Compliance:** Hess Village is currently not ADA accessible which creates a disparity for families looking for housing on campus. The project will provide ADA access from parking to apartments, the community center, and the playground on the south end of the complex.
- **Irving 1 Elevator Replacement:** Installed in 1970, this elevator has never been modernized. The existing equipment is a motor/generator supplying DC power to a motor-driven machine with an antiquated relay logic controller. The elevator pit ladder and stop switch are hard to reach and the light switch is in the machine room. Modernization and upgrades will include a new machine and a 3-phase AC motor, a new digital VFD controller, new door operators for the car and lobbies, a new governor, new ropes, car finishes, lights, and control panel, and an updated Fire Service. Through this project, fire and elevator code issues with the shaft and alarms will be addressed.

UAF Interior Building Systems Renewal; Campus Restrooms and Seward Hood Lab

Amount: \$4,500.0

Many of the buildings at UAF were constructed in the 1960s and 1970s and the original building interiors and systems are in very poor to failing condition, no longer adequate for current enrollment demands, and require replacement or upgrading. The systems including finishes, plumbing, ventilation, heating, lighting, and electrical, are expensive to operate due to their low efficiency and lack of replacement parts and are no longer in compliance with current life safety codes. Failing systems are causing partial building closures across campus, increasing operating costs for temporary space, or, in some cases, displacing students to off-campus housing. These deteriorating systems have caused some class and research cancellations and eroded UAF's ability to obtain new grants and initiatives.

Replacement of these systems will allow for increased energy efficiencies and better environmental control throughout UAF's facilities. Projects in this category lower operational costs by upgrading or replacing old building systems with up-to-date technology where there is greater payback. The work will also renew aging, highly used components including sanitation improvements, securing aging interior classrooms and labs, and addressing building code/life safety issues. It will reduce the backlog of deferred renewal and increase the useful life of these facilities. Besides improving building functionality, renewed finishes, doors, restrooms, and classrooms create a better impression for current and future students and the public. Modern, attractive facilities have a direct correlation to student enrollment and success.

- **Campus-Wide Restroom Renovations:** Renovate outdated restrooms campus-wide to include new fixtures, finishes, partitions, lighting, etc. The work will include major plumbing code corrections, ADA compliance, and asbestos abatement. The goal is to renovate a minimum of 4-5 restroom suites per year. For FY25, the priorities are Bunnell, O'Neill, Gruening, Irving 1, and Duckering.
- **Seward Marine Center Research Vessel Infrastructure:** The Seward Marine Center supports marine and fisheries research and is the homeport for the world-class research vessel R/V Sikuliaq. The Hood Building laboratory is utilized by researchers from across the globe to process samples collected during research voyages. The lab also allows scientists to prepare for extended missions on the R/V Sikuliaq. Renewal, demolition, and deferred maintenance work are needed on shoreside buildings that support high-end oceanic and fisheries research programs, the global-class R/V Sikuliaq, and other vessel operations. Work will include Hood Lab renovations for energy efficiency, and demolition or repurposing of other small facilities.

UAF Campus Pedestrian Pathways and Exterior Infrastructure Renewal

Amount: \$1,400.0

Without robust and functioning infrastructure, program delivery is severely hampered, and student health and welfare are adversely affected. Buildings and their occupants require basic infrastructure such as sanitary sewers, electrical power, drinking water, and connectivity via pedestrian pathways to be fully functional and serve the academic and research needs of the campus. The severe Fairbanks climate and years of operation beyond the functional age of these systems have taken a toll on the campus support systems and now pose a significant hazard to the students, faculty, staff, and community. These projects will address infrastructures that are at risk of imminent failure and in urgent need of replacement to safely support the UAF campus.

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The work will address major code deficiencies and reduce maintenance callouts for these existing aging systems. The improvements also include repairs to pedestrian access paths by targeted replacement of failing lighting fixtures, walkways, ADA ramps, and stairs.

- **Campus Wide Pedestrian Pathways:** Replace broken, non-compliant stairs, sidewalks, and curbs/gutters to reduce slips and trips and improve pedestrian mobility. The work includes small areas around campus including the campus core area, Koyukuk Way, Wood Center Bus Stop Stairs (South and East), Bunnell Northwest Entry, and Irving 1 and 2 North ADA Entrance.
- **Eielson North Entry Repairs:** The north entry at Eielson Building requires grade changes for proper drainage to prevent flooding on the first floor of the building. The work will include installing a storm drain inlet to direct flow to the west and replacing the exterior concrete to ensure adequate slope to the drain.

UAF Community and Technical College Center Code Corrections and Renewal

Amount: \$800.0

UAF's Community and Technical College provides high-demand workforce development degrees and training programs across the Interior of Alaska. Programs within the college such as emergency services training and airframe and powerplant certification quickly prepare students for immediate placement in skilled trades. The college's facilities are mostly comprised of aged buildings given to the University and repurposed for these programs. Deferred maintenance was transferred with most of these assets and the facilities suffer from functional obsolescence.

- **Community & Technical College Center:** The CTC Center in Fairbanks has been renovated in multiple phases over the last 15 years, converting the space from an old courthouse to a modern technical college for the community. One of the final phases of renovation is a code corrections project for the east stairwell. The work will include correcting stair tread height and depth for consistency, enclosing the risers, updating the emergency lighting and exit signs, and updating the finishes.

UAF Critical Utility Distribution Renewal on the Troth Yeddha' Campus: water, condensate, and steam system renewal and asbestos abatement

Amount: \$12,250.0

UAF's centralized utility production relies on a series of distribution tunnels to effectively provide low-cost heat and power to the Troth Yeddha' campus facilities. These utilidors also carry domestic water throughout campus. Renewal of the distribution system is critical to maintaining the campus mission and student wellness and provides the best value to the campus when compared to other options. The distribution renewal project's primary focus is to stabilize utility distribution piping, addressing issues with failing anchors on the steam line and pipe couplings on the domestic water system. The project will also focus on replacing failed valves and malfunctioning fire hydrants. The steam heating system will also be modified to provide a safer and more reliable condensate return to the power plant boilers through the replacement of the hotwell and feedwater pumps.

UAF Kuskokwim Campus Renewal; Code corrections, fire alarm replacement, and energy upgrades to reduce operating cost

Amount: \$4,629.5

The UAF Kuskokwim Campus is a regional education hub for southwest Alaska, offering certificates, credentials, and undergraduate and graduate degrees while serving the local community through outreach programs. The average building age is over 35 years old and many systems, including fire alarms, electrical panels, and lighting, have reached the end of their useful life. Further, the campus has a high operating cost, especially for electrical power. A series of renewal projects will allow the campus to operate more safely and efficiently thus keeping funding focused on program delivery. Throughout all of the campus buildings, interior and exterior lighting will be fully converted to low-energy LED. Additionally, several buildings need new windows and doors as part of thermal envelope upgrades. HVAC systems in the main academic building and the cultural center will be modified with better control systems for better efficiency.

Approximately five fire alarm panels at the campus have reached their end of life and the manufacturer is no longer supporting them. Maintaining alarm systems in full operation is required for building occupancy and mission delivery.

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In the Maggie Lind/Vocation Education Building, several renewal projects will correct building code deficiencies and replace electrical systems to reduce energy use. The main electrical distribution center will be replaced in a new location to eliminate a clearance issue. The main restroom will be renewed, with modern finishes and upgrades for ADA accessibility.

UAF Northwest Campus Foundation Replacement and ADA Compliance

Amount: \$3,600.0

Four teaching buildings, the Science Lab Building, the Northwest Campus Education Center, the Sepalla Building, and the University Outreach Building, are experiencing rapid foundation settlement, with one corner of the education center building having sunk over 18 inches since its construction in 2018. The pad foundations have sunk to a degree where adjustments are no longer feasible, necessitating the relocation of the building and the installation of steel piles to ensure structural support and stability. The project has partial funding, and the design is shovel-ready. In addition, the Nagozruk doors are currently equipped with knobs but should be replaced with doors with levers to improve accessibility.

UAF Bristol Bay Campus Energy Efficiency Upgrades

Amount: \$515.5

To reduce operating costs at the campus in Dillingham, an energy efficiency project will focus on mechanical and electrical upgrades in both UAF buildings, addressing high energy use equipment and aging infrastructure. The majority of work will take place in the Margaret Wood Building where conversion to LED lighting and better heating and ventilation controls will reduce energy use. Work will include energy upgrades at the Applies Sciences Building.

UAF Interior Alaska Campus Tok Center Renewal and ADA Compliance

Amount: \$255.0

The Interior Alaska Campus Supports workforce development through an education center in Tok, Alaska. The project will update the front entryway of the building to be ADA-accessible from the parking area into the lobby. The work will also update access to the restrooms and classrooms.

UAF Ben Eielson Renewal

Amount: \$20,000.0

Eielson is one of two buildings built before the 1940s still in operation at the UAF Troth Yeddha' campus yet has not had any substantial renewal since construction. Eielson serves student-facing functions such as financial aid and undergraduate research. Eielson is also key to the successful transition of UAF staff from off-campus leases and out of other dated facilities scheduled for demolition. The building lacks the required amenities for a modern university student-facing facility. While maintaining the historic nature of the building, the renewal project will revitalize and renew exterior and interior finishes, install a code-required ventilation system (the building is without one currently), replace the heating system, and update electrical wiring and lighting throughout. The envelope will be updated with additional insulation and a vapor barrier, new windows, and a new roof. Functional obsolescence created by outdated floor plan layouts will be eliminated, consistent with the needs of the user groups relocating to Eielson.

UAF Arctic Emergency Services Center (Whittaker Fire Station replacement)

Amount: \$33,500.0

UAF Emergency Services programs, both operational and academic, are housed in facilities with substantial deferred renewal and functional obsolescence. The Whittaker Building and the portion of the University Park Building that houses the emergency services training program have a combined backlog of renewal of around \$24M. The most substantial need in both buildings is a structural upgrade to reduce the risk of building collapse during an earthquake. Further, given the age of the buildings, all essential operating systems can no longer be maintained. The facility condition index for both buildings indicates they should be removed from service.

The proposed Arctic Emergency Services Workforce Center of Excellence will provide space to meet the current demand and future growth of the emergency services programs and continue to fulfill the University's missions and goals of high-demand workforce development in emergency services. Combined educational and workforce development programs offered through UAF's Community and Technical College (CTC) and College of Rural and Community Development (CRCDC) urgently need a new facility and instructors to meet the workforce demand. The CTC emergency services academies, credentialing, degree programs, and occupational endorsements, along with UAF's baccalaureate security and emergency management program, provide a solid educational foundation for emergency services; however, additional

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support is required to increase the number of students who are familiar with the latest equipment and processes, are trained in real-world scenarios, and engage in continuing education, refresher courses, and certifications. The replacement facility is envisioned as a living laboratory for student emergency responders, attending classes and labs adjacent to a fully functional emergency services station. The facility will contain apparatus bays and support spaces for fire and EMS, firefighter/medic living quarters for on-duty members, and training labs and classrooms for emergency services.

UAF Lola Tilly Repurpose to Student Welcome Center

Amount: \$20,000.0

Lola Tilly is a public-facing facility with easy access and parking for students and visitors. Its location on Tanana Drive makes it feel like a Main Street building and as such would serve as a great location for programs that have a high impact on UAF's public-facing functions. As the higher education landscape is prioritizing community collaboration and engagement, UAF is shifting to focus on creating physical spaces that are accessible, welcoming, engaging, and collaborative. The intent of this project is to update the Lola Tilly to be such a space that could function as an access point to the campus and build a feeling of connection with UAF to students, faculty, staff, alumni, Fairbanks, and beyond. Having a central and open gathering space that is highly visible, usable, and updated is an important step in progressing UAF's strategic goals including for prospective students looking to attend UAF.

The repurposing and renovations will include the demolition of an old cooking kitchen, the enlargement of restrooms, and the creation of spaces that function for the programmatic need centered around student recruitment, engagement, and transformational experiences. Where DM&R corrections such as replacing the inefficient exterior window wall, updating the heating controls, and addressing outdated electrical systems can be leveraged into the scope they will be addressed within the project.

UAF Patty Center Renewal & Revitalization

Amount: \$40,000.0

The Patty Center is home to the Alaska Nanooks athletics programs, offering NCAA sports venues for swimming, rifle, basketball, and volleyball. The building also serves a large variety of community programs in the Interior including competitive swimming and high-school basketball tournaments. The 1960s facility hasn't been revitalized since its construction and significant accumulated deferred renewal and functional obsolescence. The project will address the deferred renewal while modernizing the student, athlete, and community experience by renewing the gymnasium, rifle range, locker rooms, and offices. The leaky exterior will be replaced with modern, energy-efficient insulated metal panels and a new roof will be installed. A canopy will be constructed to cover the walking deck at the main entry. Interior spaces will be updated to current codes and standards with better ventilation, lighting, and durable finishes. The rifle range will also be replaced, allowing for better capture of the spent ammunition, and updating the scoring system in a manner that is consistent with NCAA rules and the Nanook Rifle team's success at the national level.

UAF Elvey Replacement or Renewal

Amount: \$90,000.0

As part of the first phases of the West Ridge Deferred Renewal Plan, the Elvey Building will be completely renewed or replaced. The Elvey Building is home to the Geophysical Institute, Alaska Satellite Facility, Alaska Earthquake Center, Alaska Volcano Observatory, and multiple other critical research and academic programs related to geophysics and atmospheric sciences. The entire Elvey building has accumulated a significant backlog of deferred renewal with the original finishes, infrastructure, and equipment, is functionally obsolete, and no longer supports critical research missions. The building is plagued by asbestos-containing material that hampers modification to suit emerging program needs. The building's annex has significant seismic risk in the structural elements. The exterior facade is failing and spalling concrete creates a risk to pedestrians. Due to the substantial deferred renewal backlog, and the critical nature of the users in the building, the best value is to replace the building in an adjacent location and then reduce the height of the current Elvey building or demolish it completely.

UAF Employee, Family, and Graduate Students Housing

Amount: \$6,000.0

The accumulated age, use, and deferred renewal on EFG (employee, faculty, graduate) apartment-style housing on North Chandalar and Tanana Loop far exceeds the replacement value of these faculties. The range of renewal tasks encompass every aspect of these apartments from drainage and site access to fire and electrical code corrections. A recent project to

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completely renew one duplex produced a cost similar to that of replacing the housing. The recommendation is to replace the units in lieu of renewal.

Coupling deferred renewal funding with other funding will allow for the cost-effective delivery of housing options. UAF has a long waiting list for modern apartment-style housing, with optimal floor plans strategic to housing a robust community of graduate and doctoral students. This style of housing is key to the growth of the UAF research enterprise and the successful achievement of R1 research status. Using a private-public partnership, the project will replace the older housing with new, modern, and efficient housing along North Chandalar ranging from efficient units to 2-bedroom apartments. Housing capacity will increase by nearly 70 beds initially, with the potential for additional development in the future.

UAF Core Campus Academic Building Modernization and Renewal: Duckering Engineering Spaces, Bunnell Building, and Fine Arts Theater Wing

Amount: \$85,000.0

The project will renovate older, underutilized, or functionally obsolete buildings, leveraging existing space in the building to offer expanded opportunities in academic programs that support Alaska industry and STEM programs such as T3 and Upward Bound. The project will renew three core campus facilities that serve major academic units: Duckering, Bunnell, and Fine Arts.

Emerging STEM programs, mainly in programs such as Upward Bound, engineering support of natural resources and workforce development, and energy engineering, have expanded in participation and research capacity. The program expansion has outgrown the available laboratory spaces in Duckering. The project will renovate older, recently vacated labs for new modern STEM needs, leveraging existing space in the building to offer expanded opportunities in STEM. Through the renewals better space utilization will be achieved and new initiatives and existing student engagement activists can blend into the space in Duckering such as T3, Upward Bound, ANSEP, and maker spaces. The work will tie into the UAF Middle College STEM offerings and the new academic program for the Energy Engineering program.

Bunnell Building is the hub for major academic programs including the College of Business and Security Management. These growing programs have over-leveraged the nearly 70-year-old building and the functionally obsolete spaces detract from the student experience. Building code issues with egress pathways and hidden wood frame construction are challenges that must be addressed prior to any facility modifications. One of the biggest hurdles with Bunnell is the original curtain wall system which is very energy-inefficient, drafty, and challenges the building's ventilation in the summertime solar gain. The project will renew the Bunnell Building, giving it a new life to serve key UAF programs.

Built in the mid-1960s, the Theater Wing in the Fine Arts Complex has not been renewed, even though the facility is well beyond its useful life and suffers from major deficiencies, building code and compliance being critical to the continuity of operations. The project is a major renovation of the Salisbury Theater. It will address major building code and accessibility deficiencies, create learning spaces appropriate for today's teaching methods, and replace worn-out mechanical and electrical equipment. The renewal covers the lower level where the public radio station for Northern Alaska, KUAC, resides.

UAF Student Success: Undergraduate Residence Hall Demo and Replacement

Amount: \$28,250.0

The accumulated age and obsolete layout of the four oldest campus residence halls, Lathrop, Stevens, Nerland, and McIntosh coupled with significant deferred maintenance and renovation costs points to the need to replace these dormitories. Restrooms, stairwells, study spaces, and HVAC systems were all originally constructed in the late 1950s.

New residential living facilities are needed to recruit, retain, and support students more effectively. Today's students seek post-secondary institutions with modern residence halls on campus, offering private and community spaces. UAF's housing market analysis indicates UAF's current and near-future students will support a new residence hall with modern amenities that would replace approximately 400 beds currently in four older, existing residence halls. The new facility will require significantly less maintenance and be more energy efficient than outdated facilities. For this project, the four older dormitories will be replaced, significantly reducing ongoing maintenance and operations costs and deferred renewal backlog. Six of UAF's close peer universities have built new modern facilities featuring suite-style housing and emphasizing community and student success in the last five years.

UAS Juneau Campus Safety & Regulatory Compliance - covered walkways, security cameras and door-locking systems

Amount: \$1,070.0

The pedestrian route from the courtyard to the lower-level classrooms in the Novatney & Whitehead buildings is not intuitive, which causes students and staff to take a shortcut down the steep grass slope between the Mourant and Novatney buildings and the Soboleff and Whitehead buildings. These are not formal sidewalks or stairways and are unsafe, especially during the winter when the slope is covered in ice or snow. This project will install two covered stairways from the courtyards down to the lower sidewalk level.

UAS currently has security cameras at the entrances of our main buildings and parking lots. However, there are many staff and faculty on campus that campus safety will be improved with more cameras on campus to capture all building entrances and major hallways. This project will install more security cameras around campus in these areas.

Work in campus housing will install an electronic door-locking system, like what hotels use. These systems are becoming more flexible and affordable. This project will install a card lock system on the front door and the bedroom doors.

The local locksmiths are no longer servicing the existing Mortis Lock System. This project will replace the lock systems in housing units.

UAS Ketchikan Campus - Heating system backup, weatherization, door locking system, building automation system

Amount: \$930.0

The Paul Building has a Mansard-type roof system that was constructed using a cement-bonded siding material. This material has proven not to be able to withstand the frequent precipitation experienced in Ketchikan and is now falling apart. The project will replace the siding/roofing material with a Bermuda metal material that is more resistant to constant rain. This project had to be cut into two phases because bids came in double the engineer's estimate and UAS could only fund half of the project. The project can be designed, bid on, and constructed in the current fiscal year.

The Maritime Center currently has no backup heating system. This work would install an electric boiler as a backup to the existing oil boiler. This will reduce the risk of having to shut down the campus during the failure of the main boiler. It will also reduce the monthly utility cost by providing building managers with the option of switching between electricity and oil depending on which is the least expensive that month.

The Building Automation System (BAS) for the Paul and Ziegler buildings is an old version that the manufacturer no longer services. This project will upgrade the BAS to the latest version which will require an upgrade to the BAS server and some of the BAS sensors. This new system will also help improve the operating efficiency of the heating and ventilation systems.

UAS Sitka Campus - Backup power generator, window replacement, elevator

Amount: \$760.0

The Sitka Campus does not currently have a backup generator for power failure. The campus houses important research materials in deep freeze freezers; a prolonged power failure could cause irreplaceable damage to research materials. Student instruction and employee work cannot proceed during a power outage. During the COVID-19 pandemic, UAS relocated their -80 Degree freezer to the Sitka fire hall because they had backup power and then it could be used for storage services for the Pfizer Vaccine. This project will install an emergency generator that can accommodate campus operations during a power outage, thus protecting the research materials improving the resiliency of the UAS Sitka campus, and improving support and services during an emergency.

Windows are aging and do not provide adequate insulating capacity. Windows need to be replaced to decrease building heating costs.

The original building elevator has been shut down for extended periods of time due to being old and obsolete. This project will replace the elevator.

UAS Juneau Campus - Replace roofs, windows, siding and insulation

Amount: \$1,180.0

The roofing system on Banfield Hall is 23 years old and the warranty has expired. The roofing system on the Hendrickson building has exceeded its useful life span and is no longer covered under a warranty. The mansards on the Hendrickson building are rotting and need to be replaced.

UAS Juneau Campus Exterior Infrastructure - Renovate water main, replace fuel tank, pavement replacement, sidewalk lighting

Amount: \$2,360.0

The 16-inch water main that supplies Juneau main campus is almost 49 years old and has failed in two locations. It is unknown if there are other sections of this water main that are reaching the failure point. This project will investigate the condition of this water main, estimate the risk of another failure, make recommendations for improvements, and construct these improvements.

Housing Apartment Unit fuel tanks are 35 years old and have reached the end of their useful life and need to be replaced before they start leaking. This project will replace the nine existing fuel tanks with new double-walled tanks with leak-detection monitoring systems. Phase 1 will replace five tanks and Phase 2 will replace the remaining four tanks.

Constructed in the mid-1980s, many of the paved surfaces around the University of Alaska Southeast (UAS) Juneau campus are either beginning to fail or nearing the end of their useful lives. In order to set priorities for repairing the numerous pavement and drainage deficiencies, this work will be done in phases. This project phase will remove and replace about one-half of the pavement in the 3-10 year category identified in the Engineers' pavement report

The existing lighting of the pedestrian pathway that runs between the recreation center and housing has light poles separated by several hundred feet leaving dark spots along the pathway. This project will replace the lighting to match other campus pathway lighting where poles are shorter, and closer together and will improve horizontal illumination and uniformity at grade level. The vertical illumination will also be increased to improve facial recognition. We have been successfully using these design techniques to make students feel more secure walking around campus.

UAS Juneau Campus Interior Systems - Heating system, update generator controls

Amount: \$700.0

UAS has several buildings with LG Air Source Heat Pumps (ASHP) to heat the building. Unfortunately, they have not performed as intended with lower heat recovery and frequent breakdowns. Getting someone to repair the system has been expensive and difficult, resulting in the system being down for months. This project will replace the ASHP with a system that is more reliable. This project supports UA's priority of reducing the fixed cost base by increasing the efficiency of the heating system and lowering annual energy costs.

UAS Soboleff Building Renewal

Amount: \$8,000.0

The Soboleff Building has seen very few improvements since its last remodel, which occurred over 30 years ago. The building's systems, including lighting, plumbing, heating, finishes, and the roofing system, have all exceeded their expected lifespan and need replacement. As part of this project, all these systems will be removed and replaced.

The existing elevator in the building is over 40 years old and has reached the end of its useful life. It has become quite unreliable, causing discomfort to riders due to its rocking and rattling. In fact, since 2017, an elevator technician has recommended its replacement, and this project will address that need by installing a new elevator.

The ceiling and lighting in the lower Soboleff building have become problematic. The components are no longer supported by readily available parts, necessitating special ordering and salvaging of lights. The existing ceiling is outdated and presents challenges for utility work due to its design. To address these issues, this project will involve removing the existing ceiling and installing a new drop ceiling, matching the style found in other areas on campus.

A fence will be installed around the Kiln area as part of this project, not only enhancing the aesthetic appeal of this natural gathering space but also providing security and protection for the equipment and supplies stored in the Kiln shelter. This fence will incorporate locking gates to ensure the safety and security of the stored materials.

UAS Novatney Lower Floor Renovation

Amount: \$3,000.0

The lower floor of the Novatney building has not been updated in more than 40 years. It reflects a time when society accepted narrow hallways and no windows. This project will renovate the lower floor by opening up common spaces, installing more windows and glass walls to meet the right-to-light standard, and installing more energy-efficient lighting and heating systems.

UAS Renovation for NW Coast Arts and Student Services Areas

Amount: \$6,000.0

Sitka campus is set in a renovated WWII airplane hangar. The past renovations are more than 20 years old, and the needs of university programs are no longer being met with this space. This project will renovate spaces for the Northwest Coast Arts and the Student Services area.

UASO Butrovich Building Seismic Improvements

Amount: \$14,500.0

The Butrovich facility is a critical infrastructure facility for the University of Alaska, the state of Alaska, the west coast of British Columbia, and the U.S. In addition to housing UA's administrative offices, many state and federal agencies also rely on the data flowing through the Butrovich data center for critical monitoring of earthquakes, tsunamis, volcanic eruptions and ash warnings, and wildfires. The State of Alaska Division of Homeland Security and Emergency Management's mitigation plan explicitly relies on the data coming from many of these agencies.

In 2013, while considering upgrades to Butrovich's data center, UA first learned of the potential seismic issues from a consulting engineering firm. After extensive formal engineer analysis predicated on numerous lessons learned from previous earthquakes, many structural and non-structural seismic deficiencies were identified with the steel-moment frame (SMF). The engineering analysis indicates that the SMF facility is vulnerable to damage and loss of operational functionality even from nearby modest seismic events. In addition, the data center's 12,000-square-foot floor also has no seismic bracing.

Engineering analysis has shown that Butrovich's life-safety profile and operational readiness can be highly improved with a seismic retrofit. There are three significant "buckets" of work to be accomplished - structural, non-structural, and the data center floor. With these buckets addressed, the risk of the building or a floor collapsing is greatly reduced. The current cost estimate for this project is \$14.5 million.

UASO Butrovich Ceiling and Lighting Replacements

Amount: \$2,000.0

A comprehensive lighting upgrade project is underway, encompassing the entire building and involving approximately 800 lighting fixtures. This upgrade includes the incorporation of Lutron controls and re-ballasting parabolic lighting fixtures throughout the facility. The existing ballasts are nearing the end of their operational life and necessitate replacement for improved efficiency and performance. Additionally, the project includes the replacement of the existing artwork lighting fixtures with energy-efficient LEDs, enhancing the visual appeal of the artwork while reducing energy consumption and maintenance costs. This initiative aims to create a more energy-efficient, aesthetically pleasing, and sustainable lighting environment within the building.

**Capital Budget
References**

Approved 11/10/2023

University of Alaska FY25 Facilities Maintenance Budget Distribution

		Facility Inventory Fall 2022 ⁽¹⁾ Gordian Replacement Values						2022 DM/R&R Backlog (\$1,000)	Calculated Index ⁽³⁾			Operating Budget				Request	
		Location	# of Bldgs	Avg. Age (years)	Gross Area (sq. feet)	Headct. Emp. + Student	Replace't Value (RV) (\$1,000)		Wt Age- Value Index	Density Index	Dist. %	Budget Goal	% of AV	FY24 Base Budget	Budget Shortfall (Min- Goal)	Oper.	Capital
Anchorage Campus	<i>Anc.</i>	65	30.5	2,829,102	10,750	1,897,241.0	587,002.7	46.6	0.09	23.5%	14,100.0	0.7%	8,574.9	-5,289.2	943.8	14,100.0	
UAA Community Campuses		32	29.4	452,386	4,625	339,941.0	37,251.6	9.7	0.25	7.2%	4,320.0	1.3%	1,834.3	-2,413.4	289.2	4,300.0	
<i>Kenai Peninsula College</i>	<i>Sold. & Hom.</i>	12	29.4	186,064	2,007	142,684.0	10,789.9						-858.6	104.4			
<i>Kodiak College</i>	<i>Kodiak</i>	5	45.8	44,982	670	32,773.8	4,780.7						-714.6	64.3			
<i>Matanuska-Susitna College</i>	<i>Palmer</i>	9	30.8	155,886	1,203	112,345.6	9,580.0						-452.6	80.3			
<i>Prince Wm. Sound College</i>	<i>Valdez</i>	6	13.5	65,454	745	52,137.6	12,101.0						-387.5	40.2			
UAA Total		97	30.1	3,281,488	15,375	2,237,182.0	624,254.4	56.3	0.34	30.7%	18,420.0	0.8%	10,409.2	-7,702.6	1,233.0	18,400.0	
Fairbanks Campus/CTC	<i>Fbks.</i>	232	39.6	3,772,407	9,688	3,597,565.1	816,892.6	115.5	0.18	57.0%	34,180.0	1.0%	14,447.3	-19,160.4	2,289.2	34,100.0	
<i>Fairbanks Campus</i>	<i>Fbks.</i>	228	39.5	3,546,103	7,388	3,489,704.8	789,573.7	113.3	0.02	55.1%	33,040.0	0.9%	14,205.2	-18,281.6	2,212.9		
<i>Community & Tech. Col.</i>	<i>Fbks.</i>	4	44.5	226,304	2,300	107,860.3	27,318.9	2.1	0.09	1.9%	1,140.0	1.1%	242.1	-878.8	76.3		
UAF Community Campuses (CRCD)		27	28.6	155,942	1,926	177,150.1	31,108.5	5.5	0.11	3.8%	2,280.0	1.3%	578.1	-1,663.8	152.5	2,300.0	
<i>Bristol Bay Campus</i>	<i>Dillingham</i>	3	13.3	20,217	282	15,997.0	907.2						-129.1	12.0			
<i>Chukchi Campus</i>	<i>Kotzebue</i>	1	46.0	10,362	131	18,219.5	6,755.6						-251.6	20.1			
<i>Interior Alaska Campus</i>	<i>Various</i>	5	34.2	29,111	283	30,017.5	1,723.1						-377.1	32.1			
<i>Kuskokwim Campus</i>	<i>Bethel</i>	7	38.3	51,774	360	62,327.9	19,539.9						-647.1	56.2			
<i>Northwest Campus</i>	<i>Nome</i>	10	22.7	21,570	270	29,388.8	1,531.8						-127.0	12.0			
<i>Col. of Rural & Comm. Dev.</i>	<i>Fbks.</i>	1	19.0	22,908	600	21,199.5	651.0						-132.0	20.1			
UAF Total		259	38.4	3,928,349	11,614	3,774,715.2	848,001.2	121.0	0.22	60.8%	36,460.0	1.0%	15,025.4	-20,824.2	2,441.7	36,400.0	
Southeast Campus	<i>Juneau</i>	28	29.7	379,653	1,526	262,967.8	20,658.3						-1,174.6	180.7			
UAS Community Campuses		4	10.8	117,546	1,425	70,464.1	5,572.5						-1,742.6	144.6			
<i>Ketchikan Campus</i>	<i>Ketchikan</i>	3	11.0	49,488	647	38,553.1	3,437.0						-881.3	76.3			
<i>Sitka Campus</i>	<i>Sitka</i>	1	10.0	68,058	778	31,911.0	2,135.5						-861.3	68.3			
UAS Total		32	27.3	497,199	2,951	333,431.9	26,230.8	7.7	0.44	8.1%	4,860.0	1.5%	1,861.4	-2,917.2	325.3	4,900.0	
UA System Office⁽²⁾	<i>Various</i>	9	42.7	242,016.0	201.0	194,820.1	15,042.4	0.8	0.00	0.4%	260.0	0.1%	260.0	0.0	0.0	300.0	
UASO Total		9	42.7	242,016	201	194,820.1	15,042.4	0.8	0.00	0.4%	260.0	0.1%	260.0	0.0	0.0	300.0	
UA Total		397	35.6	7,949,052	30,141	6,540,149.2	1,513,528.7	185.8	1.00	100.0%	60,000.0	0.9%	27,556.0	-31,444.0	4,000.0	60,000.0	

Age*RV Weight 90.0%

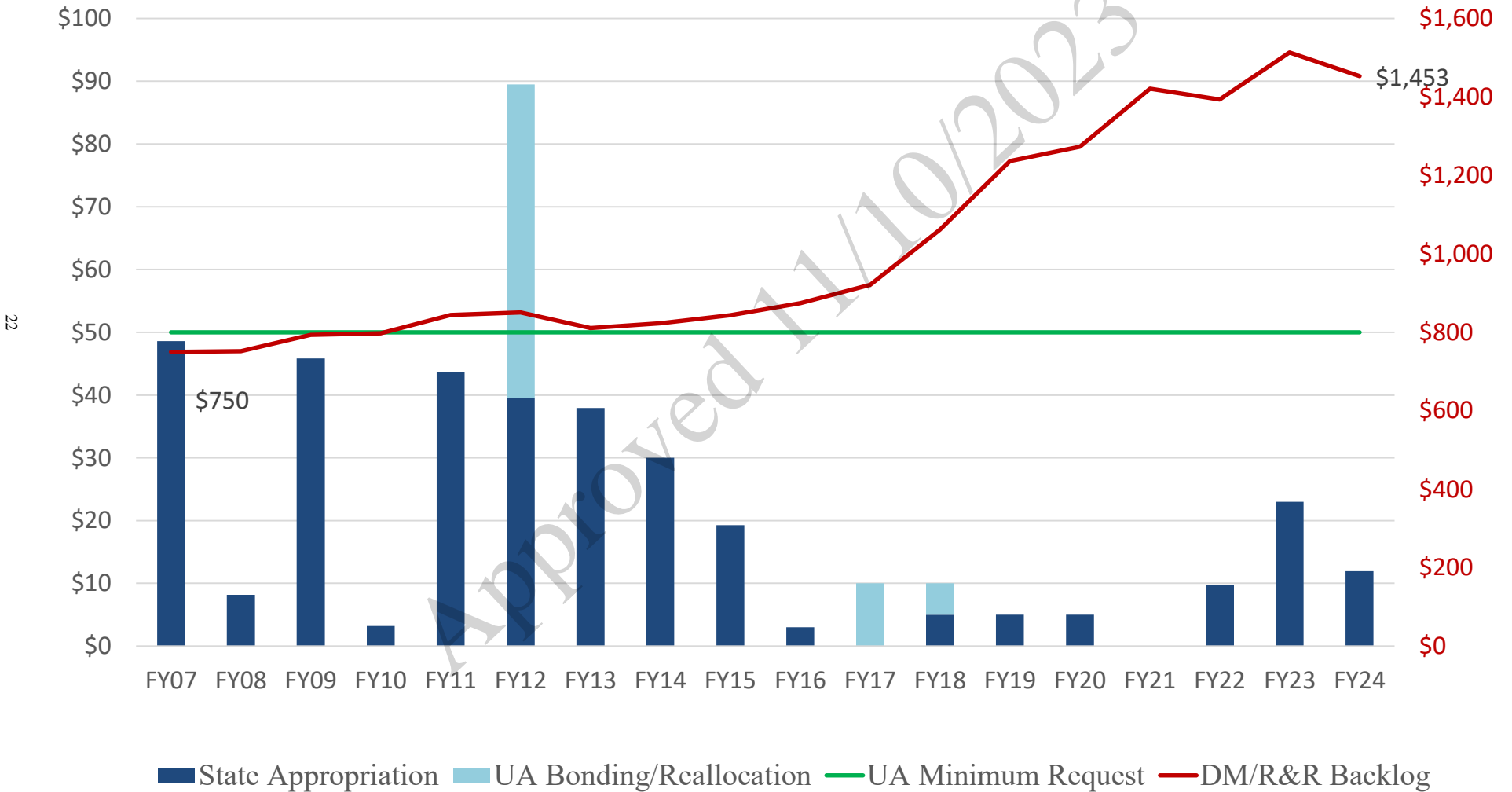
Density Weight 10.0%

1. Inventory values are buildings only and do not include infrastructure, other capital assets, or land.

2. SO Land Mgmt enterprise properties are included in the Facility Inventory, but excluded from the budget; UASO distribution % is reduced to allow a larger portion of the funding to be distributed to the universities.

3. The index (distribution) is the sum of the weighted age-value index (age multiplied by the replacement value and then divided by IM) and the weighted density index (student and employee headcount per 100k gsf).

Capital Budget DM/R&R Funding History Unrestricted General Funds & Backlog (in millions of \$)



University of Alaska
 Capital Budget Request vs. State Appropriation
 FY15-FY24
 (in thousands of \$)

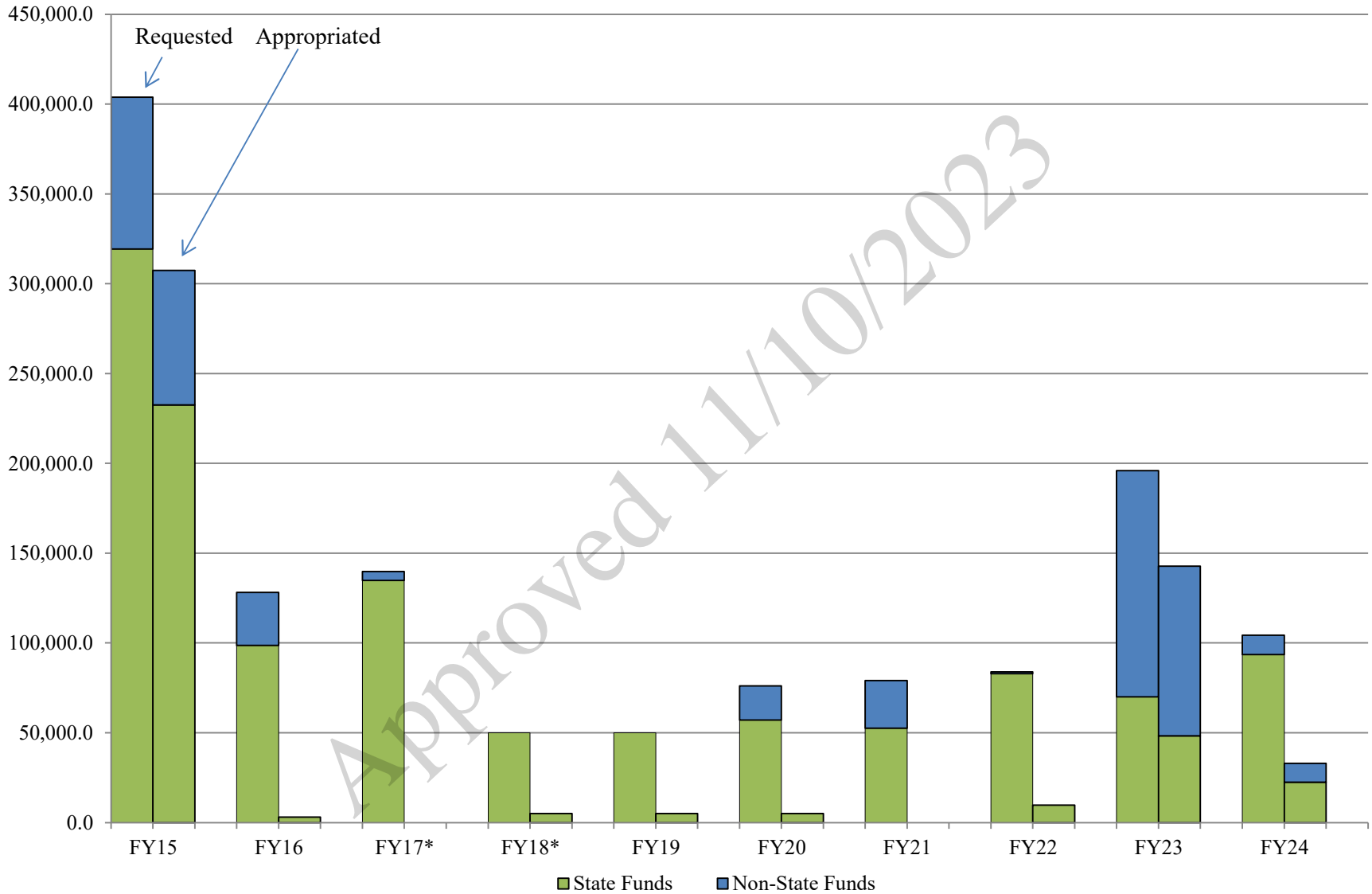
Request	Renewal and Repurposing	Add/Expand New Facilities	Equipment	Other¹	Total
FY15	37,500.0	273,900.0		7,900.0	319,300.0
FY16	50,000.0	35,550.0		13,000.0	98,550.0
FY17	100,000.0	34,800.0			134,800.0
FY18	50,000.0				50,000.0
FY19	50,000.0				50,000.0
FY20	50,000.0			7,000.0	57,000.0
FY21	50,000.0			2,500.0	52,500.0
FY22	50,000.0			32,881.4	82,881.4
FY23	50,000.0			20,000.0	70,000.0
FY24	74,300.0			52,200.0	126,500.0
Total	561,800.0	344,250.0		135,481.4	1,041,531.4
10 yr. Avg.	56,180.0	34,425.0		13,548.1	104,153.1

Approp.	Renewal and Repurposing²	Add/Expand New Facilities	Equipment	Other¹	Total
FY15	19,273.0	212,600.0	120.0	450.0	232,443.0
FY16	3,000.0				3,000.0
FY17					
FY18	5,000.0				5,000.0
FY19	5,000.0				5,000.0
FY20	5,000.0				5,000.0
FY21					
FY22	9,700.0				9,700.0
FY23	23,018.4			25,250.0	48,268.4
FY24	11,911.0			10,500.0	22,411.0
Total	81,902.4	212,600.0	120.0	36,200.0	330,822.4
10 yr. Avg.	8,190.2	21,260.0	12.0	3,620.0	33,082.2

1. Includes research and other capital appropriations.

2. Excludes funds allocated from: the operating budget for Strategic Investments (SI) FY17 - \$10.0 million and FY18 - \$5.0 million and the Natural Resource Funds (NRF) FY17 - \$269.3 thousand and FY18 - \$300.4 thousand.

**University of Alaska
Capital Request and Appropriation Summary FY15-FY24
(in thousands of \$)**



1. Excludes funds allocated from: the operating budget for Strategic Investments (SI) FY17 - \$10.0 million and FY18 - \$5.0 million and the Natural Resource Funds (NRF) FY17 - \$269.3 thousand and FY18 - \$300.4 thousand.

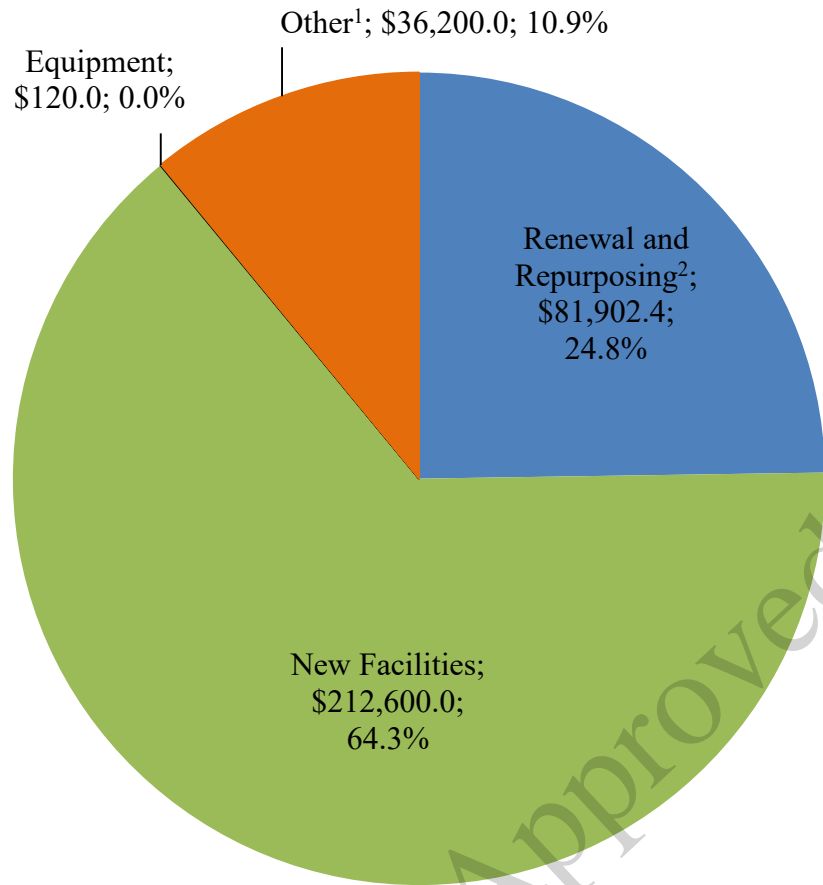
University of Alaska
State Appropriation Summary by Category
FY15-FY24
(in thousands of \$)

Campus	Location	Renewal and Repurposing ²	Expansions / Additions	New Facilities	Equipment	Other ¹	Total		
Anchorage Campus	Anchorage	27,767.0	33.9%	45,600.0	21.4%	400.0	1.1%	73,767.0	22.3%
Kenai Peninsula College	Soldotna	1,127.5	4.5%			50.0	1.1%	1,127.5	1.1%
Kachemak Bay	Homer	251.6						301.6	
Kodiak College	Kodiak	645.5						645.5	
Matanuska-Susitna College	Palmer	1,188.1						1,188.1	
Prince Wm. Sound College	Valdez	487.4						487.4	
UAA		31,467.0	38.4%	45,600.0	21.4%	450.0	1.2%	77,517.0	23.4%
Fairbanks Campus	Fairbanks	38,878.4	47.5%	167,000.0	78.6%	13,750.0	38.0%	219,628.4	66.4%
Community & Technical College	Fairbanks	510.0	0.6%					510.0	0.2%
Bristol Bay Campus	Dillingham	200.0	0.9%					200.0	0.2%
Chukchi Campus	Kotzebue	95.4						95.4	
Interior Alaska Campus	Tok								
Interior Alaska Campus	Fort Yukon								
Interior Alaska Campus	Fairbanks								
Kuskokwim Campus	Bethel								
Northwest Campus	Nome	4.6						4.6	
College of Rural & Comm. Dev.	Various	417.0						417.0	
UAF		40,105.4	49.0%	167,000.0	78.6%	13,750.0	38.0%	220,855.4	66.8%
Juneau Campus	Juneau	9,830.0	12.0%			120.0	100.0%	9,950.0	3.0%
Ketchikan Campus	Ketchikan	250.0	0.6%					250.0	0.2%
Sitka Campus	Sitka	250.0						250.0	
UAS		10,330.0	12.6%			120.0	100.0%	10,450.0	3.2%
UA System Office	Fairbanks					22,000.0	60.8%	22,000.0	6.7%
UASO						22,000.0	60.8%	22,000.0	6.7%
UA Grand Total		81,902.4	100.0%	212,600.0	100.0%	120.0	100.0%	36,200.0	100.0%
% of Total		24.8%		64.3%		0.0%		10.9%	100.0%

1. Includes research and other capital appropriations.

2. Excludes funds allocated from: the operating budget for Strategic Investments (SI) FY17 - \$10.0 million and FY18 - \$5.0 million and the Natural Resource Funds (NRF) FY17 - \$269.3 thousand and FY18 - \$300.4 thousand.

State Appropriation Summary by Category FY15 - FY24 (in thousands of \$)



New Facilities and Major Expansions³

UAA

Engineering Building (FY11 - FY15) \$123,200.0

UAF

Engineering Building (FY11 - FY15) \$73,946.7

Heat & Power Plant Major Upgrade (FY15) \$162,000.0

1. Includes research and other capital appropriations.
2. Excludes funds allocated from: the operating budget for Strategic Investments (SI) FY17 - \$10.0 million and FY18 - \$5.0 million and the Natural Resource Funds (NRF) FY17 - \$269.3 thousand and FY18 - \$300.4 thousand.
3. Complete project totals for state appropriations are listed even if a portion is outside the timeframe represented in the pie chart.