

**Alaska Association of Chiefs of Police - State of Alaska
Police Policy Manual Project**

**FY2024 Request: \$0
Reference No: AMD 65083**

AP/AL: Appropriation
Category: Transportation
Location: Statewide
Impact House District: Statewide (HD 1 - 40)
Estimated Project Dates: 07/01/2023 - 06/30/2028

Project Type: Life / Health / Safety
Recipient: Alaska Chiefs of Police
House District: Statewide (HD 1 - 40)
Contact: Catherine Reardon
Contact Phone: (907)465-2506

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	Total
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Challenge:

The State of Alaska is extremely large and diverse. Within its borders are many different law enforcement agencies, varying in size from a single-officer department to larger agencies with hundreds of personnel. Additionally, small rural Alaskan agencies are often served by Village Police Officers, Village Public Safety Officers, Alaska State Troopers, or a combination of all three. Despite the broad range of individual agency budget limitations or constraints, all face the same issue, an ever-increasing risk of liability from poorly executed police-related activities.

With police reform in full swing, Alaska is finding itself falling behind in its preparations to weather increased legal scrutiny, placing our communities and police agencies in jeopardy. Not only do small departments not have the funding to stay up on case law, they also do not have the expertise to write sound legal and defensible policies to reduce the likelihood that an officer will make a mistake, resulting in harm to a community member and the possibility that the municipality or village will be sued.

One key to the delivery of professional police services is having sound policies and relevant training in place. Fortunately, there is a proven, well-established, and highly respected company that uses content and technology to provide constitutionally sound policies that comply with federal and state laws and deliver timely policy

updates as laws and best practices change, allowing any sized department to practically have a team of experts at their fingertips. Alaska Association of Chiefs of Police (AACOP) and the Alaska Municipal League (AML) desire to partner with a qualified company to provide a standardized policy manual that would be a reliable foundation for all Alaskan police agencies, leaders, and communities, to assist with the smartest and safest decisions possible while considering the unique needs and circumstances of individual communities. We have attached a description of the value that a such policy development and deployment company brings in producing a state-level solution for our Alaska communities.

The harsh reality of this dilemma is this: without good policies and procedures many agencies are just one step away from a lawsuit that could irrevocably damage the town, village, or city -- and Alaska's public safety -- for many decades. We sincerely believe that if Alaska had one policy manual developed that could be shared with EVERY department, big and small, it would be a game changer. There is also a national movement to require police agencies to become accredited.

Adopting a policy manual that leads to accreditation puts Alaskan law enforcement on the right path. We realize that development and deployment costs will be too high for any one agency to endure. Therefore, AACOP and the Alaska Municipal League are proposing the legislature support an initiative to develop a statewide policy for everyone to use.

Solution:

We propose an Alaska-specific Police Policy Manual written and deployed in our communities for approximately \$550,000.00. This grouped approach and implementation represents a savings of \$550,000, which makes it a much more affordable proposition than if each police department or community took this on individually. Once this policy is built, every department can adapt it for their specific jurisdiction and application. The base model, then, can still be responsive to local needs and authorities, even as it improves overall our delivery of public safety. The request includes funding for training and outreach to communities. The entire process will include collaboration with the Alaska Police Standards Council and the Department of Public Safety, to ensure appropriate State input and engagement, resulting in the strengthening of our public safety system.

Request:

AML and the AACOP Board of Directors is requesting a legislative grant of \$550,000 to launch the development of a state-wide police policy manual AACOP and the Alaska Municipal League will partner together to bring every agency into the discussion and, with your financial support, make this project a reality.

This is a one-time request, made sustainable for continued use with each local agency paying a small user-fee and/or implementation fee, appropriate to their ability, that would help them ensure their department remains at a standard that is defensible and sustainable in today's legal environment. AML will administer the grant on behalf of AACOP, and be the project manager for delivery, in its role to assist the AACOP and member jurisdictions.

PROJECT TIMELINE

Once funding is secure the process for bidding the contract will occur. This will happen immediately within 2 months of funding. Once this occurs a contractor will begin writing the Alaska only police manual. This will be a collaborative effort

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Police Policy Manual Project**

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with select agencies representatives participating. Once this is complete within in 6 months then the implementation phase will start. This part will take about a year with full implementation within 2 years.

Ninilchik Senior Citizens, Inc. - Kitchen Expansion

FY2024 Request: \$0
Reference No: AMD 65086

AP/AL: Appropriation
Category: Transportation
Location: Ninilchik

Project Type: Life / Health / Safety
Recipient: Ninilchik Senior Citizens, Inc.
House District: Kachemak Bay/Ninilchik/Kasilof (HD 6)
Contact: Catherine Reardon

Impact House District: Kachemak Bay/Ninilchik/Kasilof (HD 6)

Estimated Project Dates: 07/01/2023 - 06/30/2028 **Contact Phone:** (907)465-2506

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Ninilchik Senior Center (NSC) began serving seniors in 1981 with our official non-profit status beginning in 1987. Our center began through the grass roots efforts of a few Ninilchik seniors to provide a place for seniors to go and socialize with their friends. Land was donated by one of the local seniors for a start to this desire as well as monetary donations and lots of sweat equity for a building to be constructed. After almost 10 years, it was realized that the current building size was no longer adequate for the number of seniors wanting to enjoy the center.

Through state grants for materials and donated labor by area seniors, 1993 saw the building expand to what we have today. NSC's kitchen expansion project consists of expanding the size of our kitchen, increasing the amount of usable space by over 1/3 with total overall usable square footage increasing from 441 to 651 square feet. The existing amount of oven and counter space is not consistently meeting the amount of space needed to prepare and package enough food to satisfy the needs of the seniors served. As our senior population ages and their needs change as well as the senior population continuing to grow, the demand for meals has increased.

For comparison:
 FY1990: NSC provided 3,450 meals

FY2004: NSC provided 6,921 meals
FY2016: NSC provided 9,632 meals
FY2022: NSC provided 13,650 meals

FY23 meal counts have increased by over 20% on average during the first six months when compared to FY22. We expect to see these numbers continue to rise in the future as the projected state senior population grows. Through all of this growth, our kitchen size has remained the same since 1993. Over the years, the stove/oven and convection oven have been replaced, putting the old appliances into storage in anticipation of incorporating them back into the kitchen someday. We have added an additional staff member to meet the growing demands of senior meals; however, due to the size of the kitchen it is a very tight space to work in for three people.

The project plan is to enlarge the physical amount of usable kitchen space by 210 square feet and incorporate our old stove/oven and convection oven into the floor plan (for a total of two oven/stoves and two convection ovens). In addition, the plan will double our existing counter space by adding a double sink and counter area for salad bar preparation, a separate sink area for handwashing, and two additional 6-foot counters with storage underneath. In addition to the counter space, storage areas, and sinks, we will need to purchase an additional kitchen hood and fire suppression system as well as stainless steel panels to go behind the additional stove and convection oven.

After completion of this project, the center will have the means necessary to continue feeding our growing senior population for many years to come. NSC serves seniors in Kasilof, Cohoe, Clam Gulch, Ninilchik, Happy Valley, and Anchor Point areas. Based on the 2020 census information, as shown and summarized on the data.census.gov website, there are approximately 3,449 total people living in the communities served by the Ninilchik Senior Center with 1,195 being over 60 years of age. The "Snapshot Report" provided by the Alaska Coalition on Aging for 2020/2021 states, "Alaska continues to be the fastest growing senior population per capita for the ninth consecutive year." (Source: 2020 Profile of Older Americans, Administration on Aging) The report further states that, "Alaska's population of seniors age 60+ continues to grow and increased 56.4% between 2010 and 2021" and that "In 2020, Alaskans age 60+ represent 19.5% of the state's total population." Another item to note is that the number of senior citizens served outside of our borough designated service area (mile 106 to 144 on the Sterling Highway) continues to increase. We regularly see seniors enjoying the services NSC provides from Anchor Point and as far away as Homer.

Project cost breakdown is as follows:

\$162,750 for the remodel costs estimate of \$250/square foot, based on an average amount for our geographic area (Kenai Peninsula) as specified by the contractor we are working with on the project. Area to be remodeled is approximately 31' x 21' (651 sq. ft). Remodel costs include new flooring, removing two walls (one is a support wall), rebuilding one wall and replacing support for the other wall, running new plumbing and electrical where needed, as well as any needed inspections.

This is an estimated cost at this time. We are working with the contractor to get a detailed breakdown as we progress in the project.

\$9,967 total for the following items:

8' x 48' commercial kitchen hood (\$2,669)

Ansul fire suppression system (\$5,569) as required by DEC

(3) Insulated 44' x 119" stainless steel panels (\$1,459) to go behind the newly installed ovens.

Ninilchik Senior Citizens, Inc. - Kitchen Expansion

FY2024 Request: \$0
Reference No: AMD 65086

\$5,514 for (6) stainless steel counters with enclosed base sliding, adjustable midshelf and 6" backsplash

\$1,377.99 for a 2-compartment sink, pre-rinse faucet system, and hand sink with faucet

\$5,000 for shipping the above products to Alaska based on the estimates gathered through Webstaurant.com

\$7,500 for installation of the above listed items as well as the moving and re-installation costs of our existing appliances (two stoves, two convection ovens)

\$8,161.01 for unknowns throughout the project

Total project estimated costs: \$200,000

Our timeline is to have funding secured and be able to complete the remodel project during the winter of FY24. We anticipate the project to take approximately 6-8 weeks to complete. During this time, we hope to make arrangements to prepare, package and serve meals in another location here in town to continue serving seniors throughout the project timeline.

City of Kenai - Wildwood Drive Roadway Reconstruction

FY2024 Request: \$0
Reference No: AMD 65092

AP/AL: Appropriation
Category: Transportation
Location: Kenai
Impact House District: Kenai Areawide (HD 6 - 8)
Estimated Project Dates: 07/01/2023 - 06/30/2028

Project Type: Life / Health / Safety
Recipient: City of Kenai
House District: Kenai Areawide (HD 6 - 8)
Contact: Catherine Reardon
Contact Phone: (907)465-2506

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	Total
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

This project will reconstruction approximately 2300lf of asphalt roadway on Wildwood Dr. from the Kenai Spur Hwy to the entrance of the Wildwood Correctional Facility. The 50+ year old roadway is commonly referred to as the worse road in Kenai. It was identified as in failed condition from the City's 2009 Roadway Improvement Survey conducted by Nelson Engineering, and has continued to deteriorate since then. The Roadway is primarily utilized by State employees and services accessing the Wildwood Correctional Facility. The City of Kenai will have 100% Bid Ready Construction Documents available March 1st, 2023, and has provided \$329,000 in funding in support of the project. Geotech investigations determined the sub-base materials were not suitable for a new roadway and will need to be removed and restored to grade with appropriate gravel materials prior to placement of a new 2" finish asphalt surface course.

This project is an actual shovel ready project, with the design effort already completed by the City. The additional requested funding will allow for construction to proceed. Depending on when funding becomes available the project could be constructed in either summer 2023 or 2024 and is expected to be completed in one season once started.

Municipality of Anchorage - Hillside Limited Road Service **FY2024 Request: \$0**
Area/Rural Road Service Area - Drainage and Ditching **Reference No: AMD 65094**

AP/AL: Appropriation **Project Type:** Life / Health / Safety
Category: Transportation **Recipient:** Municipality of Anchorage
Location: Anchorage Areawide **House District:** Anchorage Areawide (HD 9 - 24)

Impact House District: Anchorage Areawide (HD 9 - 24) **Contact:** Catherine Reardon

Estimated Project Dates: 07/01/2023 - 06/30/2028 **Contact Phone:** (907)465-2506

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

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

Prior Funding History / Additional Information:

Project Description/Justification:

- \$83,000 - Rabbit Creek View and Rabbit Creek Heights LRSA: Add culverts and guardrail to intersection of Jaime and Heights Hill
- \$60,000 - Rabbit Creek View and Rabbit Creek Heights LRSA: Repair Ditching
- \$50,000 - Raven Woods / Bubbling Brook LRSA: Replace Culvert at entrance near Gillette Loop
- \$80,000 - Rockhill LRSA: Upgrade/Replace Culverts due to localized spring flooding
- \$47,000 - Totem LRSA: Ditching and culvert Improvements
- \$112,500 - Sky Ranch LRSA Ditch cleaning and other drainage upgrades
- \$15,000 - Replacement of six culverts

Project work could start in the summer upon receipt of funding

**Municipality of Anchorage - Lower Virgo Avenue
Emergency Egress Improvements**

**FY2024 Request: \$0
Reference No: AMD 65096**

AP/AL: Appropriation
Category: Transportation
Location: Anchorage Areawide

Project Type: Life / Health / Safety
Recipient: Municipality of Anchorage
House District: Anchorage Areawide (HD 9 - 24)

Impact House District: Anchorage Areawide (HD 9 - 24)

Contact: Catherine Reardon

Estimated Project Dates: 07/01/2023 - 06/30/2028

Contact Phone: (907)465-2506

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Lower Virgo Avenue provides a western egress route to SGRRSA. The roadway is narrow, gravel, with limited ditching. Due to the steep roadway grades, narrow roadway, limited ditching, and traffic volume, this section of roadway requires more maintenance attention than other roadways within SGRRSA.

This project would allow for easier egress from SGRRSA, especially if an area wide evacuation was ever needed. Additionally, construction roadside ditches will reduce the annual maintenance cost and effort for this corridor.

This project would include widening the roadway, paving, and adding ditches throughout the corridor. ROW acquisitions, environmental permitting and other attributes were not included in the conceptual cost estimate due to lack of information at this point.

This project will be included in the 2023 SGRRSA 5-year plan update and reviewed with the community later this year.

Project Timeline:

**Municipality of Anchorage - Lower Virgo Avenue
Emergency Egress Improvements**

**FY2024 Request: \$0
Reference No: AMD 65096**

Design in 2023.
Construct in 2024.

Municipality of Anchorage - Purchase and Establish Eagle River Cemetery **FY2024 Request: \$0**
Reference No: AMD 65097

AP/AL: Appropriation **Project Type:** Life / Health / Safety
Category: Transportation **Recipient:** Municipality of Anchorage
Location: Anchorage Areawide **House District:** Anchorage Areawide (HD 9 - 24)

Impact House District: Anchorage Areawide (HD 9 - 24) **Contact:** Catherine Reardon

Estimated Project Dates: 07/01/2023 - 06/30/2028 **Contact Phone:** (907)465-2506

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

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

Prior Funding History / Additional Information:

Project Description/Justification:

Purchase and Establish Eagle River Cemetery. Anchorage Cemetery is due to be full within the next 5 years creating a great need for an additional cemetery site.

Project Timeline: Within the next 3-5 years.

Kenai Peninsula Borough - Solid Waste Department - Hope **FY2024 Request:** **\$0**
Transfer Site Relocation **Reference No:** **AMD 65099**

AP/AL: Appropriation **Project Type:** Life / Health / Safety
Category: Transportation **Recipient:** Kenai Peninsula Borough
Location: Kenai Peninsula Borough **House District:** Kenai Areawide (HD 6 - 8)
(Homer/Seward)
Impact House District: Kenai Areawide (HD 6 - 8) **Contact:** Catherine Reardon
Estimated Project Dates: 07/01/2023 - 06/30/2028 **Contact Phone:** (907)465-2506

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	Total
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Background

The Kenai Peninsula Borough (KPB) Solid Waste Department is responsible for developing and implementing programs for disposal of all solid waste generated within the Borough in an economically feasible and environmentally responsible manner. Transfer sites for collection of waste at various locations around the Borough allow for the public to dispose of their waste close to their residence so that Solid Waste can have it hauled to the landfill for final disposal or through other methods for items such as recyclables.

The transfer station in Hope is currently located on land owned by the Department of Natural Resources (DNR). They have requested that the transfer site on their land be relocated to vacate their property. A new site has been selected on KPB owned land within Hope to complete the relocation project.

Justification

KPB Solid Waste is committed to providing solid waste programs for disposal across the peninsula. The Borough has established a standard remote transfer site development program. Costs for this relocation have been developed using the standard program that match other communities around the peninsula. The project will improve site capacity, vehicle circulation, lighting, disposal access, and

site monitoring/controls.

Methodology

Should funding be made available, the Kenai Peninsula Borough would immediately complete a design and solicit for construction contractor to complete the work in as timely a fashion as possible.

Methodology

Should funding be made available, the Kenai Peninsula Borough would immediately complete a design and solicit for construction contractor to complete the work in as timely a fashion as possible.

Bering Sea Fishermen's Association - Improve Stock of Origin Analysis of Western Alaska Salmon

FY2024 Request: \$0
Reference No: 65059

AP/AL: Appropriation
Category: Development

Project Type: Energy
Recipient: Bering Sea Fishermen's Association

Location: Statewide
Impact House District: Statewide (HD 1 - 40)
Estimated Project Dates: 07/01/2023 - 06/30/2028

House District: Statewide (HD 1 - 40)
Contact: Micaela Fowler
Contact Phone: (907)465-2506

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	Total
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Two years of funding @ \$165,000 direct costs and \$91, 575 UW overhead, per year for a total cost of \$513,150

Project Description/Justification:

This project would use naturally occurring strontium isotopes in the otoliths (ear stones) of Chinook and chum salmon caught in marine fisheries combined with genetic data to greatly increase the spatial resolution of natal origin assignments of marine-caught fish. Strontium isotopes vary markedly across the rivers of western Alaska reflecting the different rock origins across the region. Phase 1 of this project would develop a proof-of-concept for combining the strontium isotopes from otoliths with genetic information to achieve the highest spatial resolution possible for assigning fish to their stock of origin. If successful, this approach could be used to distribute Chinook and chum salmon caught in marine fisheries to different stocks throughout western Alaska to better constrain the potential impacts of these fisheries on salmon stocks that support subsistence communities throughout the region.

This project is to support the development of a proof-of-concept of the approach of using combined otolith-strontium data and genetics data to assign stock of origin of western Alaska chum and Chinook salmon. Specific activities include 1) completing the strontium isotope baseline for other rivers in western Alaska (e.g., Togiak, Norton Sound, and Bristol Bay rivers; 2) collecting and analyzing otolith samples from spawning chum salmon from known locations to assess the utility of this approach for assigning natal origins; 3)

**Bering Sea Fishermen's Association - Improve Stock of
Origin Analysis of Western Alaska Salmon**

**FY2024 Request: \$0
Reference No: 65059**

develop the statistical model for combining otolith strontium data, genetics data, and geomorphic data defining suitable habitat for assigning natal origins of Chinook and chum salmon; 4) quantify the performance of this model for assigning fish to stock of origin, with fish sampled from the spawning locations.

**Senate SS Municipality of Anchorage -
 Chugiak/Birchwood/Eagle River Rural Road Service Area -
 Starner Bridge Road and Drainage**

**FY2024 Request: \$0
 Reference No: AMD 65093**

AP/AL: Appropriation
Category: Transportation
Location: Anchorage Areawide

Project Type: Life / Health / Safety
Recipient: Municipality of Anchorage
House District: Anchorage Areawide (HD 9 - 24)

Impact House District: Anchorage Areawide (HD 9 - 24)
Contact: Catherine Reardon

Estimated Project Dates: 07/01/2023 - 06/30/2028 **Contact Phone:** (907)465-2506

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Mt. Edgecumbe High School Deferred Maintenance- Replacement of Boys' Dorm and Main Girls' Dorm Windows **FY2024 Request: \$0**
Reference No: 65064

AP/AL: Appropriation **Project Type:** Life / Health / Safety

Category: Public Protection

Location: Sitka

House District: Sitka/Petersburg/Yakutat (HD 2)

Impact House District: Sitka/Petersburg/Yakutat (HD 2)

Contact: Sabrina Javier

Estimated Project Dates: 07/01/2023 - 06/30/2028 **Contact Phone:** (907)957-0718

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability. Project is eligible for funding under the statewide deferred maintenance appropriation.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Major Maintenance Grant Fund for School Major Maintenance

FY2024 Request: \$19,566,500
Reference No: 45658

AP/AL: Appropriation
Category: Public Protection
Location: Statewide
Impact House District: Statewide (HD 1 - 40)
Estimated Project Dates: 07/01/2023 - 06/30/2028

Project Type: Life / Health / Safety
House District: Statewide (HD 1 - 40)
Contact: Sabrina Javier
Contact Phone: (907)957-0718

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability. Remaining appropriation sufficient to fund top 5 projects on major maintenance list.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund	\$19,566,500						\$19,566,500
Total:	\$19,566,500	\$0	\$0	\$0	\$0	\$0	\$19,566,500

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Harbor Matching Grant Fund

FY2024 Request: \$5,500,000
Reference No: 64479

AP/AL: Appropriation
Category: General Government
Location: Statewide
Impact House District: Statewide (HD 1 - 40)
Estimated Project Dates: 07/01/2023 - 06/30/2028

Project Type: Construction
House District: Statewide (HD 1 - 40)
Contact: Dom Pannone
Contact Phone: (907)465-0000

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability. Remaining appropriation is sufficient to fund the highest priority project.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund	\$5,500,000						\$5,500,000
Total:	\$5,500,000	\$0	\$0	\$0	\$0	\$0	\$5,500,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

UAF Patty Pool Code Corrections, Campus-Wide Fire Alarm Replacements and Other Safety Projects **FY2024 Request: \$0**
Reference No: 65069

AP/AL: Appropriation **Project Type:** Research / Studies / Planning
Category: University **House District:** Fairbanks Areawide (HD 31 - 35)
Location: Fairbanks (Areawide) **Contact:** Michelle Rizk
Impact House District: Fairbanks Areawide (HD 31 - 35) **Contact Phone:** (907)450-8187
Estimated Project Dates: 07/01/2023 - 06/30/2028

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

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

Prior Funding History / Additional Information:

Project Description/Justification:

Providing a safe and compliant campus for everyone is the top priority at UAF. UAF works hard to maintain a healthy campus, reduce risk to building occupants, and ensure students have the safest experience possible, yet the aging campus is requiring larger upgrades to 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. Remaining in compliance requires an ongoing effort to modify and upgrade every component of campus from exterior hardscapes, elevators, building passageways, and restrooms to fire alarms, locker rooms, signage and security infrastructure.

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.

Patty Pool Code Corrections: The Patty Pool is one of four public pools in the borough and is host to multiple community, high school, and NCAA-sanctioned collegiate events, recreational activities, and

UAF Patty Pool Code Corrections, Campus-Wide Fire Alarm Replacements and Other Safety Projects

FY2024 Request: \$0
Reference No: 65069

classes. The 60-year-old pool has been well maintained but needs renewal to address a variety of issues from functional obsolescence to modernization of plumbing systems and code compliance. The project will repair and renew the finishes, mechanical, electrical, and structural systems in the pool vessel, deck, and balcony seating. Work will include repairing structural and non-structural cracks in the pool vessel and deck, replacing the fire alarm system, replacing the natatorium and pool vessel lighting, replacing all pool water-related plumbing (sanitation), providing a new fire sprinkler system, installing corrosion-resistant finishes, and installing a better vapor barrier on the exterior wall.

Campus Wide Fire Alarm Replacement for End of Life: Approx. 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 replace panels in small buildings, reserving those parts for older, larger buildings that have a higher cost to update. The next facilities to replace are Gruening, Fine Arts/ Rasmuson Library, and Signers' Hall. **Lab Ventilation Air Controller Replacement:** Laboratory 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, are no longer supported by Phoenix, and must be replaced to keep the lab's code compliant. Without the air valve, the required supply and exhaust air cannot be exchanged in the spaces. The project is also related to COVID mitigation measures. The Biological Research and Diagnostics and Duckering Building are in the queue for FY24.

Fairbanks Campus Wide Doors and Security Renewal: The Fairbanks Campus has over 9,000 doors secured with a keying system that is 20 years beyond its patented expiration date. The antiquated keying system severely compromises building security and leaves facilities vulnerable to break-ins, property theft, and vandalism. Nearly half of the campus doors have outdated and broken hardware, and oftentimes the door is also in need of replacement. Many of the exterior and emergency exit doors do not meet current fire codes or ADA regulations. Over 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 the Elvey Building, and O'Neill Building. Interior work will focus on the implementation of the keying system across all campus facilities as well as the replacement of fire exit doors in Duckering, Gruening, and Bunnell. Phased capital funding over FY24/25 will complete the critical campus-wide initiative.

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 wall along these apartments to ensure ADA compliance. **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 & 3phase 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,

UAF Patty Pool Code Corrections, Campus-Wide Fire Alarm FY2024 Request: \$0
Replacements and Other Safety Projects Reference No: 65069

and updated fire service. Through this project, fire and elevator code issues with the shaft and alarms will be addressed.

UAA Campus Building Interior & Systems Renewal

FY2024 Request: \$0
Reference No: 65071

AP/AL: Appropriation **Project Type:** Research / Studies / Planning
Category: University **House District:** Anchorage Areawide (HD 9 - 24)
Location: Anchorage Areawide **Contact:** Michelle Rizk
Impact House District: Anchorage Areawide (HD 9 - 24) **Contact Phone:** (907)450-8187
Estimated Project Dates: 07/01/2023 - 06/30/2028

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Many of the original buildings on the UAA campus were constructed in the early- to mid-1970s and the building systems are beginning to fail and are no longer adequate for the current demands and require replacement or upgrading. The mechanical, electrical and heating ventilation and air conditioning (HVAC) systems in particular fall into this category.

Replacement parts for many of these systems are no longer available. Replacement of these systems would prevent systemic building failure and allow for increased energy efficiencies with better environmental control throughout the building. The older systems are very expensive to operate due to their low efficiencies. This project will replace failing piping, inadequate electrical systems, inefficient lighting, boilers, fans, and deficient variable air volume (vav) boxes and upgrade the building automation system controls.

Building System Modernization and Energy Performance Upgrades

This time sensitive project will incorporate heating, mechanical and electrical system improvements to four critical facilities, the Professional Studies Building (PSB), the Wendy Williamson Auditorium (WWA), the Social Sciences Building (SSB), and the Consortium Library to prevent critical failures,

reduce maintenance costs, and provide energy savings through increased efficiency.

PSB and WWA are connected facilities and they share some of the infrastructure scheduled for replacement as part of this project. All four facilities were constructed in the early 1970s and the infrastructure, for the most part, is original and requires replacement. The electrical and mechanical systems are antiquated and are beyond their useful life.

Professional Studies Building (PSB) scope will include boiler replacement, LED lighting upgrades, electrical safety upgrades, replacement of the existing air handling unit fan with a fan wall system, and convert outdated pneumatic controls to direct digital controls (DDC).

Wendy Williamson Auditorium (WWA) scope will include LED lighting upgrades, electrical safety upgrades, conversion of pneumatic controls to DDC, and hot water pump replacements.

Social Sciences Building (SSB) scope will include LED lighting conversion, electrical safety upgrades, the addition of hydronic heating to the 2nd & 3rd floors of the building, conversion of pneumatic controls to DDC, and fin tube repairs.

Consortium Library Old Core Mechanical Upgrades: The original HVAC systems consist, for the most part, of equipment over 48 years old located within the four central building cores. The boilers, main supply/exhaust fan units, heating/cooling coils, galvanized piping and humidification systems have all reached the end of their useful life. Major component parts are no longer available for these units. Heating system piping and coils are filled with sedimentation. Control systems are no longer able to properly regulate airflow resulting in irregular temperatures and conditions within the building. The 2004

library addition contains newer HVAC systems with different control and delivery systems that have resulted in incompatibilities between the two systems and has affected the efficiencies of both systems. This first phase request

addressed boilers and other mechanical systems within A & D cores of the original library, this project would continue to B & C core.

UAA Arcade & Bridge Lounge Campus Building Envelope & FY2024 Request: \$0
Roof Systems Renewal Reference No: 65111

AP/AL: Appropriation **Project Type:** Research / Studies / Planning
Category: University **House District:** Anchorage Areawide (HD 9 - 24)
Location: Anchorage Areawide **Contact:** Michelle Rizk
Impact House District: Anchorage Areawide (HD 9 - 24) **Contact Phone:** (907)450-8187
Estimated Project Dates: 07/01/2023 - 06/30/2028

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

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.

Arcade & Bridge Lounge Spine Connecting East & West Campus: The Arcade Bridge & Lounge (ABL) is a critical facility that provides equitable, year-round, interior access via an enclosed walkway that spans Chanshtnu (Chester) Creek, connecting east campus to west campus. This project seeks to replace the roof and window systems of this facility. The existing roof system consistently leaks in multiple locations, is a challenge to maintain, and is well beyond its useful life.

The existing windows are single pane, outdated, incredibly energy inefficient, and out of alignment with our building standards. This project will demolish the existing roof and windows system, increase parapet cap height, upgrade structural components for seismic restraint, replace roof decking as required, install a new roofing system, and install new windows improving the building envelope, increasing energy efficiency, and ultimately reducing operating costs.

UAA Arcade & Bridge Lounge Campus Building Envelope & Roof Systems Renewal	FY2024 Request:	\$0
	Reference No:	65111

Project Timeline:

Project expenditures will be completed within 3 year allocation timeline.

UAA Social Sciences Building Exterior Doors

FY2024 Request: \$0
Reference No: 65112

AP/AL: Appropriation
Category: University
Location: Anchorage Areawide

Project Type: Research / Studies / Planning
House District: Anchorage Areawide (HD 9 - 24)

Impact House District: Anchorage Areawide (HD 9 - 24)

Contact: Michelle Rizk

Estimated Project Dates: 07/01/2023 - 06/30/2028

Contact Phone: (907)450-8187

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Situated in the UMED district in the largest city in Alaska, safety and security is a university top priority. Security enhancements improved by this project will allow UAA to keep current in compliance with Clery Act and will promote a safe campus, minimizing risk for the students and campus community. Security enhancements include expansion of the recently upgraded access control system, key control management system, emergency communication platform upgrades, and wayfinding. Buildings in this request include the Social Sciences Building, and the Seawolf Sports Complex.

UAS Fuel Tanks Replacement, Mourant Covered Stairway, and Sitka Emergency Power **FY2024 Request: \$0**
Reference No: 65113

AP/AL: Appropriation **Project Type:** Research / Studies / Planning
Category: University
Location: Southeast Alaska **House District:** Southeast Region (HD 1 - 4)
Impact House District: Southeast Region (HD 1 - 4) **Contact:** Michelle Rizk
Estimated Project Dates: 07/01/2023 - 06/30/2028 **Contact Phone:** (907)450-8187

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Exterior Infrastructure consists of all UAS facilities that are located outside of a building including, roads, parking lots, sidewalks, landscaping, and distribution systems for water, wastewater, communication, and power. There are several areas on campus where the exterior infrastructure is showing signs of its age, increasing the risk of failure and reducing the safety of our campus community. Some of the current priority projects in this category include:

Housing Apartments Fuel Tanks Replacement: Housing Apartments Unit fuel tanks are 35 years old and reached the end of their useful life and need to be replaced before they start leaking. This project will replace the 9 existing fuel tanks with new double-wall tank with an interstitial monitoring system meeting current environmental codes. This project can be bid on and constructed in the current fiscal year.

Covered Stairway Mourant: The pedestrian route from the courtyard to the lower levels of classrooms in 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. This is not a formal sidewalk or stairway and is unsafe, especially during the winter when the slope is covered in ice or snow. This project will install a

UAS Fuel Tanks Replacement, Mourant Covered Stairway, and Sitka Emergency Power **FY2024 Request:** **\$0**
Reference No: **65113**

covered stairway from the courtyard down to the lower sidewalk level.

Sitka Campus Emergency Power: Sitka Campus does not currently have a backup generator for power failure. The campus houses important research material 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 and improving the resiliency of the UAS Sitka campus and improving support and services during an emergency.

Project Timeline:

Project expenditures will be completed within 3 year allocation timeline.

UAS Paul Building Elevator Replacement, ASHP Replacement, and Other Interior Systems projects

FY2024 Request: \$0
Reference No: 65114

AP/AL: Appropriation **Project Type:** Research / Studies / Planning
Category: University
Location: Southeast Alaska **House District:** Southeast Region (HD 1 - 4)
Impact House District: Southeast Region (HD 1 - 4) **Contact:** Michelle Rizk
Estimated Project Dates: 07/01/2023 - 06/30/2028 **Contact Phone:** (907)450-8187

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	Total
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Building Systems makes the interiors of our facilities a pleasant and safe place to study, work and learn. Heating systems keep the buildings warm in the winter. Ventilation systems bring fresh outside air into the building and keep air circulating thru the building to prevent the growth of mold and mildew. Lighting, communication, water and wastewater systems keep the building occupants safe and productive. Many UAS buildings are more than 40 years old. While some of the interior systems have been updated, there are still many interior systems that have exceeded their design life and need to be replaced with new and more efficient systems. Some of the current priority projects in this category include:

Elevator replacement Paul Building: (Ketchikan) The elevator in the Paul building is 47 years old, the manufacturer no longer makes replacement parts and needs to be replaced. The elevator has been out of service for extended periods over the past several years. This creates a hardship on students, staff and faculty that have mobility challenges. This project will replace the existing elevator. This project can be designed, bid and encumbered in the current fiscal year and construction would take 18 months.

Replace Air Source Heat Pumps: UAS has several buildings with LG Air Source Heat Pumps to heat the building. Unfortunately, they have not performed as intended with lower heat recovery and

**UAS Paul Building Elevator Replacement, ASHP
Replacement, and Other Interior Systems projects**

FY2024 Request: \$0
Reference No: 65114

frequent breakdowns. Getting someone to repair the system has been expensive and difficult, resulting in the system being down for months to years. This project will replace the ASHP with a system that is more reliable. This project supports UA's priority of reducing fixed cost base by increasing the efficiency of the heating system and lowering annual energy costs.

UAF Cutler Apartments Building Envelope and Roof Systems

FY2024 Request: \$0
Reference No: 65115

AP/AL: Appropriation

Project Type: Research / Studies / Planning

Category: University

Location: Fairbanks (Denali/University)

House District: Fairbanks Areawide (HD 31 - 35)

Impact House District: Fairbanks Areawide (HD 31 - 35)

Contact: Michelle Rizk

Estimated Project Dates: 07/01/2023 - 06/30/2028

Contact Phone: (907)450-8187

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

The hallmark of a sustainable building is a solid foundation underfoot and a dry envelope overhead. Building envelope elements such as roofs, entry doors, windows, and exterior cladding for selected buildings at UAF are in poor to failing condition. Systematic building envelope replacement and improvement is needed to prevent leaks, failures, and other disruptive damage to building assets and occupants. Renewal projects help prevent programmatic function interruptions from emergency repairs, lower ongoing maintenance cost, and increase energy efficiency through improved thermal and moisture protection. The work preserves existing assets for the continuation of program and mission delivery.

Projects within this category include roof repairs and replacements, doors, windows, vapor barriers, exterior painting, siding, weatherization, insulation, foundations, and other building envelope issues. High performance building envelopes are critical to protect a building's interior finishes and structural integrity, and increase energy efficiency. The roofing projects are an ongoing replacement of roofs that have reached the end of their useful and protective life. Many windows and exterior entry storefronts are mostly original to the buildings on campus, with older construction technology and poor insulation values, or have deteriorated from constant high volume use. Exterior door replacement work improves the ability

UAF Cutler Apartments Building Envelope and Roof Systems

FY2024 Request: \$0
Reference No: 65115

to lock down buildings, enhancing safety and security of faculty, staff and students, improving ADA access and emergency egress.

Cutler Apartment Roofing: The Cutler Apartments are the largest and most popular apartment-style housing offered on the Troth Yeddha' 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. The project will remove the failed roofs and rotted substrate and rebuild the systems with additional insulation and vapor barrier and a roof that has a long warranty.

Project expenditures will be completed within 3 year allocation timeline.

UAF Rural and Community Campus Renewal

FY2024 Request: \$0
Reference No: 65070

AP/AL: Appropriation **Project Type:** Research / Studies / Planning
Category: University
Location: Statewide **House District:** Statewide (HD 1 - 40)
Impact House District: Statewide (HD 1 - 40) **Contact:** Michelle Rizk
Estimated Project Dates: 07/01/2023 - 06/30/2028 **Contact Phone:** (907)450-8187

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	Total
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

UAF's College of Rural and Community Development (CRCD) campus sites span Alaska with facilities in Fairbanks, Nome, Bethel, Dillingham, and Kotzebue. These sites provide valuable educational and cultural resources to their local and surrounding communities. Major renewal of the buildings has been a consistent effort over the last several years utilizing capital, operating, and grant funding. Despite these efforts, deferred renewal and code correction work is still required to maintain the critically important campuses.

The remote locations of the CRCD campuses requires UAF to prioritize regulatory compliance, distance education, energy efficiency and conservation projects. The priority projects for rural campuses are fire alarm upgrades and fuel tank compliance. Replacement of these systems supports building occupancy and program delivery continuity. Systematic, energy-efficient building improvements use higher-grade, durable construction materials that reduce operational and maintenance costs. This also reduces the frequency of building system failures that are especially costly due to emergency shipping of both labor and material.

CRCD Fire Alarm Replacement for End of Life: Approx. 10 fire alarm panels at the rural campus sites 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. The next facility to replace is John Sackett Hall and the Maggie Lind Building in Bethel.

Kuskokwim Campus Vocational Education Center Electrical Code Compliance: This two-story facility was constructed in phases between 1977 and 1982. The main academic building contains faculty and staff offices, classrooms, and a vocational education area. The existing main electrical distribution panel is located in the main vocational classroom area and has been cited for several code corrections. This solution includes addressing multiple other modernization needs, by relocating the panel to a new location and replacing other features like the surge suppressor and the grounding system.

CRCD Campus Wide Fuel Tank Compliance: Throughout the rural campus locations, fuel oil tanks are a necessity for heat production. Some locations have tanks that are well beyond their useful life and have multiple deficiencies. The project will fix code deficiencies associated with the fuel tanks and piping for CRCD facilities statewide. The next building to be addressed is the Kuskokwim Campus Vocational Education Center.

Chukchi Campus Admin/Classroom Code Corrections: During a recent maintenance code review of the campus facilities, engineers determined a portion of the building's exit corridors are not fire-rated in accordance with the building codes. Fire-rated exits provide safe and quick passage out of the building in the event of a fire. The project will provide corrective action to update exit doors and corridors to a fire-rated assembly and replace the fire alarm system.

Bristol Bay Campus Margaret Wood Building and Applied Sciences Building Heating Efficiency: Perform mechanical upgrades in both buildings to address code deficiencies and replace equipment nearing the end of its lifespan. The majority of work will take place in the Margaret Wood Building. Work includes snowmelt system upgrades at the Applied Sciences Building.

Maggie Lind & Voc-Tech Building Restrooms: Renovate the restrooms to renew the finishes and to align with current design standards, modernizing and removing functional obsolescence.

Northwest Campus Foundation Replacement: Relocate five teaching buildings, install pile foundations, and place the buildings back on the new foundations. The foundations of the Science Lab Building, the Northwest Campus Education Center, Sepalla Building, and the University Outreach Building are post on pads and continue to settle at a rate of 3-7 inches per year. The FY24 request would address the University Outreach Building.

Project expenditures will be completed within 3 year allocation timeline.