

Alaska Satellite Interconnect Equipment Replacement and System Upgrade **FY2020 Request: \$500,000**
Reference No: 61878

AP/AL: Appropriation **Project Type:** Equipment / Commodities
Category: General Government
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Cheri Lowenstein
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-5655

Brief Summary and Statement of Need:

This infrastructure provides a critical link for emergency communications, video, and audio services to bush, rural, and urban Alaskan audiences and broadcasters. The project work scope includes system design, equipment purchase, installation, and commissioning of equipment that will sustain and improve existing service levels by replacing the end-of-life/ end-of-service satellite distribution system currently in place.

Funding:	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Total</u>
1197 AK Cap Inc	\$500,000						\$500,000
Total:	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

The primary purpose of the State of Alaska's satellite infrastructure is supporting Alaska Rural Communications Services (ARCS); the state owned and operated rural television service, and delivery of noncommercial broadcasting, distance education, and emergency communications services. These funds will allow State of Alaska (SOA) to meet their statutory responsibilities by ensuring delivery of these mission critical public services.

This system of multiple statewide public and emergency communications services is a State of Alaska owned distribution platform. Health, safety, and emergency alerts and information are embedded in, and represent an important part of, the public communications services delivered by this infrastructure into communities throughout bush, rural, and urban Alaska. Satellite services play an important role in the SOA's ability to quickly and efficiently distribute emergency information statewide and well beyond the reach of traditional media. ARCS is a State Relay Network participating in the State of Alaska's Emergency Alert Systems Plan delivering emergency alerts and Emergency Alert Systems (EAS) tests to commercial and non-commercial broadcasters and viewers across Alaska. ARCS is part of the State of Alaska, Division of Homeland Security and Emergency Management, Emergency Alert

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System, integrating Information Technology based emergency information sources across this satellite infrastructure, extending the reach of newer technologies to many of the most remote viewers and listeners statewide.

• What is the purpose of the project?

The primary purpose of this project is to save the SOA's satellite infrastructure supporting ARCS, the state owned and operated rural television service, and ensure delivery of noncommercial broadcasting, distance education and emergency communications services by replacing and upgrading the equipment that is the foundation of the service.

This infrastructure provides a critical link for emergency communications, video and audio services to bush, rural and urban Alaskan audiences and broadcasters. The project work scope includes system design, equipment purchase, installation and commissioning of equipment that will sustain and improve upon existing service levels by replacing the end-of-life/end-of-service satellite distribution system currently in place.

• Is this a new systems development project? Or, an upgrade or enhancement to existing department capabilities?

This is not a new system, ARCS and the satellite infrastructure has been providing service to rural and urban Alaska for many years. Replacing this aging infrastructure is an efficient and cost effective solution to prevent unplanned end-of-service/ end-of-life equipment failure, particularly if the SOA continues current practice in privatizing project design, installation and management. Now in its twelfth year of service, the current system has reached the end of its serviceable life. No repairs, replacements, or factory service is available on installed equipment. Current generation replacement equipment is not compatible with the existing previous generation system components in use. Piecemeal failures are resulting in temporary loss of capacity and service, ongoing. A major system failure will result in complete loss of service.

• Specifically, what hardware, software, consulting services, or other items will be purchased with this expenditure. Include a line item breakdown.

\$25.0	Design and engineering
\$200.0	Equipment
\$120.0	Software, Support and Licensing (5 years)
\$50.0	Initial Build, Test, Prep, and Installation Costs
\$25.0	Shipping
\$50.0	Administrative costs
<u>\$30.0</u>	Contingencies
\$500.0	Total

• How will service to the public be measurably improved if this project is funded?

Consistent service and outages limited to maintenance are rarely noticed until there is a problem. With an upgraded system, next generation equipment will save power and energy costs, require less space and create improved monitoring and troubleshooting capabilities via internet connectivity from a centralized location. Savings to future operating costs will be realized in several ways. New encoding and compression technology will increase satellite bandwidth efficiency and facilitate increased video,

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audio and data services without increasing operating costs. New equipment will be covered by warranty and service opportunities not available to the current system. Increased demand for low-latency, reliable, high quality audio and video distribution services is occurring within Alaska's public communications system as budget stressed users seek to realize savings through collaboration and consolidation efforts which this system offers. Spontaneous failure of current equipment will result in highest cost methods to restore service; proactive replacement and upgrade is prudent and cost effective.

This project will leverage multiple layers of private and local resources in the form of: 1.) Space, power and terminal equipment at the non-SOA encoding suite, 2.) Content and program resources traversing the uplink system to intended audiences statewide, 3.) Transmission and distribution systems at the far end housed and maintained by local organizations and communities, including the new ARCS Digital Television system which itself leverages the public communications content on the satellite to improve and increase services to rural Alaskans.

• Does project affect the way in which other public agencies will conduct their business?

The significant stake holders whose ability to deliver services on this satellite infrastructure include: the Alaska Division of Emergency Services and broadcasters who depend on this service for Emergency Alert System distribution, and the listeners and viewers who depend on those alerts for life saving information; public television viewers and public radio listeners; rural Alaskans watching 360 North and Gavel Alaska coverage of the State Legislative sessions; and the ARCS television viewers across rural Alaska.

• What are the potential out-year cost implications if this project is approved? (Bandwidth requirements, etc.)

The SOA operates this system in a cost-effective manner by privatizing the management and operation of the system, as well as user support service and troubleshooting functions. The primary out-year cost implication if the system undergoes upgrade and systems stability through on-going privatization is the efficient operation with a multi-year lifespan of service to Alaskans.

• What will happen if the project is not approved?

No reasonable alternative exists to replace this core equipment. Evolution of terrestrial network systems in rural Alaska are cost-prohibitive and capacity-limited to the needs of this system; satellite delivery will continue to be the platform of choice for the next ten years. The current system, while working without failure for 12 years, has reached the end of its serviceable life. If it experiences a catastrophic failure all services will be unavailable while emergency funding is secured, expedited purchasing, shipping, and installation are carried out at premium prices, and resulting in outages measured in months. Due to cuts in federally funded programs, an alternative source of funding does not exist to address the SOA's satellite infrastructure.

State Office Building Juneau - North Parking Garage

FY2020 Request: \$1,000,000
Reference No: 62631

AP/AL: Appropriation **Project Type:** Deferred Maintenance
Category: General Government
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Cheryl Lowenstein
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-5655

Brief Summary and Statement of Need:

State Office Building Juneau - North Parking Garage Project funds needed for evaluation and pursuit of financing agreement with the City and Borough of Juneau for deferred maintenance or replacement if deemed appropriate.

Repairs only are estimated at \$5.1M to perform architecture/engineering, renovations to all levels and stairwells to include needed electrical, mechanical, sprinkler and structural work. Recently performed inspection and waiting on fee proposal for phased upgrades.

Funding:	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Total</u>
1197 AK Cap Inc	\$1,000,000						\$1,000,000
Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

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

Prior Funding History / Additional Information:

Project Description/Justification:

See attached Willoughby District Parking Master Plan Initial Evaluation of Options from the City and Borough of Juneau.

The City and Borough of Juneau has long been interested in having the State invest in the North State Office Building parking garage and has previously made overture to State Administrations about the idea of a joint parking project that would be used by State employees, the legislature and other municipal uses, particularly in relation to our efforts to more densely develop our "Willoughby District".

Much of State employee (and legislative) parking is in CBJ garages or on surface lots owned by CBJ. CBJ is strongly supportive of State employment, yet State use of limited land in downtown Juneau limits economic development opportunities for the community.

As I understand it, SOA Admin is considering maintenance funding for the existing structure. We believe that there is a great opportunity to leverage State funds and to better solve the State's parking needs and we strongly support the investment by the State to protect and provide employee parking. However, we think that a significant investment of ~ \$4.5M to rehabilitate the structurally failing garage potentially misses a bigger opportunity to add parking (which the State also needs).

We welcome the opportunity to discuss joint facility funding that would meet the needs of CBJ, the legislature and state employees. I have attached excerpts from our 2015 parking facility study that identified the North State Office Building garage as one of the better opportunities in Juneau for achieving that goal.

Prior Juneau Assemblies considered appropriating local funding for a joint project, but the State did not appear ready to advance a project. Now that it appears that the State has reached the conclusion that the structure is in need of serious repairs, it is time to develop the best project possible.

AP/AL: Appropriation **Project Type:** Deferred Maintenance
Category: Law and Justice
Location: Palmer (Greater Palmer) **House District:** Matsu Areawide (HD 7-12)
Impact House District: Matsu Areawide (HD 7-12) **Contact:** April Wilkerson
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-3460

Brief Summary and Statement of Need:

Critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for Department of Corrections.

Funding:	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Total</u>
1197 AK Cap Inc	\$1,500,000						\$1,500,000
Total:	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Projects to be completed will be chosen from this Deferred Maintenance Listing in Priority Order.

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
Anvil Mountain Correctional Center	AMCC Slider Door Replacement	Sliding doors are worn out and replacement parts are no longer available for repairs. Safety and security are compromised when doors fail.	\$450.0	Nome	HD 39
Goose Creek Correctional Center	Door Control/CCTV System Upgrades	Existing door and camera control system software installed in 2011 is obsolete. The systems run	\$300.0	Wasilla	HD 10

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
		on Microsoft XP. This OS (operating system) does not allow the door and camera control systems software to update to latest manufacturer's software releases.			
Mat-Su Pretrial Facility	Palmer-MSPT Building Repairs	Connector Link Repairs	\$452.0	Palmer	HD 11
Anvil Mountain Correctional Center	Camera Upgrades	Most of the cameras at AMCC are analogue, which are low resolution at distances typically monitored in dayrooms. With such low resolution, officers are incapable of identifying offenders. Additionally, wider-angle cameras are needed in the dayrooms to eliminate "blind spots." IP cameras will help improve monitoring and assist in disciplinary actions and PREA (Prison Rape Elimination Act) compliance.	\$200.0	Nome	HD 39
Spring Creek Correctional Center	Freezers/Refrigerator Replacement	Compressors are failing frequently. Replacement equipment required to maintain food service and safety.	\$50.0	Seward	HD 29
Spring Creek Correctional Center	House 2 and 3 Door Controls	Security controls are failing and replacement parts no longer available. Security and safety are at risk.	\$500.0	Seward	HD 29
Anchorage Correctional Center West	Warehouse Roof Repair	A section of roof over ACCW was not replaced during the last roofing project, leaving it as the original building roof, which is approaching 30	\$750.0	Anchorage	HD 20

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
		years old. A new roof is needed to stop ongoing water infiltration in an effort to preserve the building's structure.			
Fairbanks Correctional Center	Sewer Line Repair	Existing wood stave sewer line piping is approximately 55 years old. It is believed that silt and roots have obstructed sections of the sewer main causes backups and backflows on an intermittent basis. New sewer main piping is required to ensure effluents leave the facility unobstructed, providing more sanitary conditions for workers and inmates.	\$1,200.0	Fairbanks	HD 1
Point McKenzie Correctional Farm	Administration Building Septic Upgrade	Septic system requires repairs to remain DEC compliant.	\$50.0	Wasilla	HD 10
Wildwood Correctional Complex	Gym Roof Replacement	Gym roof is failing and needs replacement.	\$475.0	Kenai	HD 29
Lemon Creek Correctional Center	Boiler Replacement	Boiler #2 has been leaking for at least a year. New gaskets are required to seal the cast iron boiler sections although there is known ACM present in the boiler. It shall be noted that new burners were installed on both boilers within the last six years. A new boiler should be sized to accept the existing burner and used to replace Boiler #2. Having both boilers working in full operation will provide LCCC with higher efficiency and	\$485.0	Juneau	HD 34

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
		redundancy.			
Goose Creek Correctional Center	Wasilla-GCCC Perimeter Fence Detection System	Replacement of Perimeter Fence Detection System	\$220.0	Wasilla	HD 10
Spring Creek Correctional Center	Warehouse Roof Replacement	Warehouse roof is failing and needs replacement (30+ years old). Efforts to patch the roof have extended the life but are no longer effective. Water infiltration is causing further damage to the facility.	\$660.0	Seward	HD 29
Anvil Mountain Correctional Center	Nome-AMCC Exterior Door Replacement	Replace Rusted Doors	\$90.0	Nome	HD 39
Anvil Mountain Correctional Center	Nome-AMCC Exterior Window Replacement	Replace Exterior Security Windows	\$360.0	Nome	HD 39
Anvil Mountain Correctional Center	Nome-AMCC-Emergency Generator ATS Construction	Emergency Generator ATS	\$450.0	Nome	HD 39
Anvil Mountain Correctional Center	Nome-AMCC Head bolt Heater Relocation	Replace and Add Head bolt Heaters	\$90.0	Nome	HD 39
Hiland Mountain Correctional Center	Eagle River-HMCC ST Cell Door Windows	Exchange windows for better visibility	\$44.0	Eagle River	HD 14
Anvil Mountain Correctional Center	Nome-AMCC Segregation Shower	Replace Segregation Showers	\$432.0	Nome	HD 39
Ketchikan Correctional Center	Ketchikan-KC C Property Fence Repairs	Rock Stabilization & Prop Fence - Construction	\$500.0	Ketchikan	HD 36
Ketchikan Correctional Center	Ketchikan-KC C Fuel Storage Tank	AST 4 Concrete Base & Piping Replacement	\$195.0	Ketchikan	HD 36

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	Repairs				
Anvil Mountain Correctional Center	Nome-AMCC Domestic Water Line Repairs	Replace Deteriorated /Calcified Hot Water Lines	\$350.0	Nome	HD 39
Fairbanks Correctional Center	Fairbanks-FC C Door Repairs	Unit III - Yard & Basement Door Replacement	\$54.0	Fairbanks	HD 1
Lemon Creek Correctional Center	Juneau-LCCC Heating Repairs	Heat Recovery System R&R	\$420.0	Juneau	HD 34
Anchorage Correctional Complex East	Anchorage-AC CE LED Lighting Interior & Exterior	Replace lighting with energy efficient fixtures	\$255.0	Anchorage	HD 20
Ketchikan Correctional Center	Ketchikan-KC C Sidewalk/Sally Port Concrete Repairs	Repair failing concrete surfaces	\$90.0	Ketchikan	HD 36
Anchorage Correctional Complex East	Anchorage-AC CE Roof Repairs	Repair roofs adjacent to clerestories	\$435.0	Anchorage	HD 20
Spring Creek Correctional Center	Seward-SCCC Mechanical Repairs	Replace Warehouse Furnace	\$50.0	Seward	HD 29
Spring Creek Correctional Center	Seward-SCCC Electrical Repairs	Repair damaged transformer pads	\$225.0	Seward	HD 29
Fairbanks Correctional Center	Fairbanks-FC C Pavement Repairs	R&R Paving at Gate 1	\$300.0	Fairbanks	HD 1
Anvil Mountain Correctional Center	Nome-AMCC Exterior Wall Repairs	Repair Failing Exterior Wall Finishes	\$480.0	Nome	HD 39
Spring Creek Correctional Center	Seward-SCCC Replace House 1 Rec Yard Fence	Replace failing chain link fence	\$100.0	Seward	HD 29
Mat-Su Pretrial Facility	Palmer-MSPT Plumbing Repairs	Plumbing Repairs - R&R Supply & Waste Pipe	\$500.0	Palmer	HD 11

Department of Corrections General Deferred Maintenance FY2020 Request: \$1,500,000
Reference No: 62614

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
Mat-Su Pretrial Facility	Palmer-MSPT Admin Septic Upgrade	Upgrade Admin Septic	\$50.0	Palmer	HD 11
Ketchikan Correctional Center	KCC HVAC Cooling Solution	Repair/Replace building cooling system due to system failure	\$250.0		
Ketchikan Correctional Center	Ketchikan-KC C Parking Lot Repairs	Repair parking lot surfaces	\$75.0	Ketchikan	HD 36
Spring Creek Correctional Center	Seward-SCCC Fire System Upgrade	Replace Halon system w/mist system in generator room	\$175.0	Seward	HD 29
Yukon Kuskokwim Correctional Center	Bethel-YKCC Security Gate		\$350.0	Bethel	HD 38
Fairbanks Correctional Center	Fairbanks-FC C Curb & Sidewalk Repairs	Damaged Curb & Sidewalk Repairs	\$84.0	Fairbanks	HD 1
Yukon Kuskokwim Correctional Center	Bethel-YKCC Mechanical Upgrade Phase 2 (2nd Boiler)	Replace inadequate boiler	\$500.0	Bethel	HD 38
Pt. MacKenzie Correctional Farm	P. MacKenzie-P MCF CCTV Recorder and Camera Upgrade	Replace existing CCTV system for additional coverage	\$100.0	Wasilla	HD 10
Wildwood Correctional Complex	Kenai-WCC Roof Repairs	Roof Design/Repairs - Bldgs. #14 Theater	\$250.0	Kenai	HD 29
Hiland Mountain Correctional Center	Eagle River-HMCC Separate Domestic Hot Water	Separate Core Area Domestic Hot Water	\$150.0	Eagle River	HD 14
Lemon Creek Correctional Center	Juneau-LCCC Asbestos Abatement	Abate Asbestos & Other Hazardous Materials	\$948.0	Juneau	HD 34
Hiland Mountain	Eagle	Unserviceable Window	\$888.0	Eagle	HD 14

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
Correctional Center	River-HMCC Window Replacement	Replacement In HS 1,2,3,4		River	
Pt. MacKenzie Correctional Farm	Pt. MacKenzie-P MCF Kitchen Freezer Upgrade	Replace failing refrigeration components	\$15.0	Wasilla	HD 10
Pt. MacKenzie Correctional Farm	Pt. MacKenzie-P MCF Kitchen Hood Upgrade	Replace failing kitchen hood	\$30.0	Wasilla	HD 10
Pt. MacKenzie Correctional Farm	Pt. MacKenzie-P MCF Hog Barn Septic Tank Replacement 3K Gallon	Replace failing tanks	\$10.0	Wasilla	HD 10
Wildwood Correctional Complex	Kenai-WCC Mechanical Upgrade	Build. 5 & 10 Steam to Glycol	\$1,650.0	Kenai	HD 29
Fairbanks Correctional Center	Fairbanks-FC C Security Controls		\$90.0	Fairbanks	HD 1
Hiland Mountain Correctional Center	Eagle River-HMCC Asbestos Abatement	Asbestos & Other Hazardous Material Abatement	\$396.0	Eagle River	HD 14
Hiland Mountain Correctional Center	Eagle River-HMCC Security Door Repairs		\$264.0	Eagle River	HD 14
Pt. MacKenzie Correctional Farm	Pt. Mackenzie-PM CF Lighting Repairs	Upgrade Perimeter Lighting	\$150.0	Wasilla	HD 10
Mat-Su Pretrial Facility	Palmer-MSPT Sidewalk Replacement & Paving	Repair Sidewalks and Parking Lot	\$165.0	Palmer	HD 11
Pt. MacKenzie Correctional	Pt. Mackenzie-PM	Replace Mechanical Shop Roof	\$200.0	Wasilla	HD 10

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
Farm	CF Roof Repairs				
Pt. MacKenzie Correctional Farm	Pt. Mackenzie-PM CF Roof Repairs	Replace Pig Barn Roof	\$200.0	Wasilla	HD 10
Goose Creek Correctional Center	Wasilla-GCCC Pneumatic Shower Valves Upgrade	Replace failing pneumatic shower valves	\$120.0	Wasilla	HD 10
Wildwood Correctional Complex	Kenai-WCC Security System Upgrade		\$550.0	Kenai	HD 29
Spring Creek Correctional Center	Seward-SCCC Perimeter Road Repair	Re-pave Perimeter Road Surface	\$400.0	Seward	HD 29
Spring Creek Correctional Center	Seward-SCCC Kitchen Grease Interceptors	Replace Kitchen Grease Interceptors (2)	\$200.0	Seward	HD 29
Anchorage Correctional Complex West	Anchorage-AC CW New Chiller	Replace failing water chiller	\$110.0	Anchorage	HD 20
Spring Creek Correctional Center	Seward-SCCC Security Gate Replacement		\$800.0	Seward	HD 29
Wildwood Correctional Complex	Kenai-WCC Water Main Upgrade	Water Main Replacement Project For Increased Capacity	\$1,350.0	Kenai	HD 29
Hiland Mountain Correctional Center	Eagle River-HMCC Road Upgrade	Roads & Drainage	\$660.0	Eagle River	HD 14
Wildwood Correctional Complex	Kenai-WCC Building Repairs	Bldg. Envelope (Siding & Windows) - Bldg. #10	\$1,430.0	Kenai	HD 29
Spring Creek Correctional Center	Seward-SCCC Mechanical Upgrade	Plumbing Pipe Replacement/treatment	\$255.0	Seward	HD 29
Wildwood Correctional Complex	Kenai-WCC Road Paving	Street Repairs (Resurface)	\$225.0	Kenai	HD 29
Wildwood	Kenai-WCC	Asbestos Abatement	\$2,700.0	Kenai	HD 29

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
Correctional Complex Fairbanks Correctional Center	Asbestos Removal Fairbanks-FC C Walk-in Cooler and Freezer	Walk-in Cooler and Freezer	\$420.0	Fairbanks	HD 1
Anchorage Correctional Center West	ACCW-Security Locking Devices	Replace Obsolete Doors and Locks	\$500.0	Anchorage	HD 20
Anchorage Correctional Center West	ACCW-HVAC Repairs Design	Reheat Coils need DDC. Not serviceable in Alaska	\$45.0	Anchorage	HD 20
Anchorage Correctional Center West	Essential Security Locks		\$220.0	Anchorage	HD 20
Anchorage Correctional Center West	ACCW-HVAC Repairs Construction	Reheat Coils need DDC. Not serviceable in Alaska	\$450.0	Anchorage	HD 20
Yukon Kuskokwim Correctional Center	Bethel-YKCC Replace Shower Stalls with Stainless Steel Inserts	Replace failing shower tiles with stainless enclosures	\$600.0	Bethel	HD 38
Hiland Mountain Correctional Center	Eagle River-HMCC Fuel Tank Piping Replacement	Replace aging fuel lines	\$150.0	Eagle River	HD 14
Spring Creek Correctional Center	Seward-SCC Heating Coils AH Units	Replace heating Coils AH Units. Anticip. Obsolescence/replace 3/year	\$110.0	Seward	HD 29
Spring Creek Correctional Center	Seward-SCC Replace Boiler Sections 8 each	Replace 10 per year/obsolescence	\$115.0	Seward	HD 29
Spring Creek Correctional Center	Seward-SCC Replace Mixing Valves for Hot Water	Replace Mixing Valves for Hot Water 4 each	\$35.0	Seward	HD 29
Spring Creek Correctional Center	Seward-SCC Replace Air Handling Pumps and	Replace Air Handling Pumps and Motors 8 each 4/year	\$120.0	Seward	HD 29

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	Motors				
Spring Creek Correctional Center	Seward-SCC Replace Exhaust Fans: APS House 10 each	Replace exhaust Fans: APS, House 10 each. Anticipated obsolescence/replace 2/yr.	\$48.0	Seward	HD 29
Palmer Correctional Center	PCC-Medium East Gen Set Transfer Switch Replacement	Replace East side generator transfer switch that works only intermittently	\$60.0	Palmer	HD 11
Palmer Correctional Center	PCC-Master Control Room Renovation & Upgrade	Design and Construct Master Control Room	\$780.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Segregation Control Room	Segregation Control Room Renovation and Upgrades	\$280.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC ILMA Release for Mediation Costs	Restore Facility to DNR requirements to release ILMA (Interagency Land Management Assignment).	\$1,500.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Segregation and Medical Seg Plumbing Upgrade	Repair sewer and Water line and install I-Con water valves	\$75.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Fire Sprinkler System in Med and Min	Replace all gaskets in dry pipe, replace expired heads, replace (7) clapper valves	\$500.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Walkway Repairs	Replace Deteriorated Walkway Between Housing 1-7	\$500.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Waterline Upgrades	Replace Water Lines from Medium to Houses 1-7	\$400.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Medium House and Dining Room Doors/Window Replacement	Replace all exterior doors in houses 1-7. Replace windows in house 1-7 and dining room.	\$200.0	Palmer	HD 11

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
Palmer Correctional Center	Palmer-PCC Electric Security Lock Upgrade on Medium	Replace all electronic locks in medium	\$150.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Medium Fence Alarm Upgrade	Upgrade fence detection system on medium side	\$20.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Medium Bathroom and Shower Repairs	Boiler & Heat System	\$20.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Roof Repair	Replace Admin. Bldg. Roof (Metal)	\$150.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Roof Repair	Replace Hesterberg Reception Center Roof	\$250.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC HVAC Repairs	Admin. Bldg. Heating Repairs	\$83.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC HVAC Repairs	Medium Domestic Hot Water System Replacement	\$180.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Fire Alarm Upgrade	Integrate House 8,9 & 10 into Monitored Fire Alarm System Network	\$200.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Gym/Education/Office Roof Repl	Replace Roof on Gym/Education/Office Bldg.	\$200.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Plumbing Repairs	Replace Min Bathroom Floor and Shower Stalls	\$110.0	Palmer	HD 11
Palmer Correctional Center	Palmer-PCC Medium Tank Room Fuel Piping Upgrade	Medium Tank Room Fuel Piping Upgrade	\$100.0	Palmer	HD 11
Palmer Correctional	Palmer-PCC Concrete	Concrete Sidewalk Repairs	\$60.0	Palmer	HD 11

Allocation	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
Center	Sidewalk Repairs				
Palmer Correctional Center	Palmer-PCC Water System Phase II	Phase II Sprinkler Pump/Generator	\$750.0	Palmer	HD 11
			\$36,383.0		

K-12 Major Maintenance

FY2020 Request: \$9,429,360
Reference No: 62616

AP/AL: Appropriation

Project Type: Deferred Maintenance

Category: Education

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Heidi Teshner

Estimated Project Dates: 07/01/2019 - 06/30/2024

Contact Phone: (907)465-2875

Brief Summary and Statement of Need:

In order to support stable, effective long-range planning, the Department of Education and Early Development suggests funding the Major Maintenance Grant Fund with an FY2020 appropriation of \$70,997,685, which is an amount sufficient to fund the first 47 projects on the major maintenance list. This will fund projects 32 through 38 from the recommended list. This funding will support and maintain Alaska's school facilities and provide a safe, healthy and comfortable environment for Alaska's school children.

Funding:	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Total</u>
1197 AK Cap Inc	\$9,429,360						\$9,429,360
Total:	\$9,429,360	\$0	\$0	\$0	\$0	\$0	\$9,429,360

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

The suggested school major maintenance spending plan is based on the FY2020 initial agency decision list of approved projects. The projects are evaluated and ranked according to criteria specified in statute, and delineated by the statutorily established Bond Reimbursement and Grant Review Committee. For FY2020, 27 of the 53 school districts submitted a total of 86 applications for the first year of the districts' revised six-year plans.

Project Description/Justification:

See attached document State of Alaska, Department of Education and Early Development, Capital Improvement Projects (FY2020), Major Maintenance Grant Fund.

Projects to be completed will be chosen from this Deferred Maintenance Listing in Priority Order.

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

Priority	School District	State Share
1	Fairbanks	7,365,723.00

K-12 Major Maintenance

FY2020 Request: \$9,429,360
Reference No: 62616

Priority	School District	State Share
2	Galena City	4,866,353.00
3	Chugach	5,632,673.00
4	Kake City	190,782.00
5	Anchorage	4,570,202.00
6	Anchorage	1,264,750.00
7	Anchorage	1,415,367.00
8	Nenana City	385,935.00
9	Anchorage	298,323.00
10	Juneau City Borough	940,833.00
11	Copper River	1,041,286.00
12	Lower Yukon	2,205,662.00
13	Chugach	5,117,320.00
14	Iditarod Area	135,552.00
15	Ketchikan	349,155.00
16	Hoonah City	188,056.00
17	Nenana City	169,415.00
18	Fairbanks	912,932.00
19	Aleutians East	66,695.00
20	Southeast Island	487,743.00
21	Denali Borough	1,441,118.00
22	Anchorage	433,503.00
23	Lower Yukon	228,075.00
24	Yukon-Koyukuk	452,080.00
25	Lower Yukon	1,004,026.00
26	Yupilt	2,121,234.00
27	Lower Yukon	115,472.00
28	Kodiak Island	1,714,263.00
29	Chatham	1,795,737.00
30	Haines Borough	551,859.00
31	Lower Kuskokwim	1,121,135.00
32	Mat-Su Borough	5,018,730.00
33	Chatham	106,752.00
34	Denali Borough	955,493.00
35	Southeast Island	69,892.00
36	Kuspuk	1,374,464.00
37	Sitka City Borough	338,901.00
38	Haines Borough	1,565,128.00
39	Lower Kuskokwim	3,906,713.00
40	Southwest Region	3,829,225.00
41	Craig City	492,336.00
42	Annette Island	188,396.00
43	Nenana City	1,359,529.00
44	Southeast Island	1,414,783.00
45	Kake City	529,234.00

K-12 Major Maintenance

FY2020 Request: \$9,429,360
Reference No: 62616

Priority	School District	State Share
46	Yupilt	127,350.00
47	Juneau City Borough	1,137,500.00
48	Copper River	2,452,138.00
49	Anchorage	377,205.00
50	Southwest Region	2,157,720.00
51	Anchorage	88,176.00
52	Southwest Region	3,772,395.00
53	Kake City	226,052.00
54	Mat-Su Borough	2,717,131.00
55	Kake City	435,482.00
56	Lower Yukon	1,002,446.00
57	Copper River	730,976.00
58	Lower Kuskokwim	3,464,933.00
59	Southeast Island	111,896.00
60	Lower Yukon	1,497,176.00
61	Southeast Island	339,877.00
62	Iditarod Area	122,440.00
63	Yupilt	1,074,152.00
64	Southeast Island	4,928,934.00
65	Lower Yukon	5,200,552.00
66	Iditarod Area	1,552,272.00
67	Mat-Su Borough	1,610,414.00
68	Mat-Su Borough	3,927,008.00
69	Lower Yukon	2,725,440.00
70	Yupilt	172,498.00
71	Lower Yukon	562,628.00
72	Lower Yukon	1,539,474.00
		113,787,100.00

Mt. Edgecumbe High School Deferred Maintenance

FY2020 Request: \$500,000
Reference No: 62563

AP/AL: Appropriation **Project Type:** Renovation and Remodeling
Category: Education
Location: Sitka **House District:** Sitka/Petersburg (HD 35)
Impact House District: Sitka/Petersburg (HD 35) **Contact:** Heidi Teshner
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-2875

Brief Summary and Statement of Need:

Critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for Mt. Edgecumbe High School.

Funding:	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	Total
1197 AK Cap Inc	\$500,000						\$500,000
Total:	\$500,000	\$0	\$0	\$0	\$0	\$0	\$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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Mt. Edgecumbe High School (MEHS) was constructed in 1940 as a boarding school and includes thirteen buildings covering 100,000 square feet; deferred maintenance is an ongoing necessity. MEHS deferred maintenance is addressed according to the Capital Improvement Projects (CIP) Master Plan, or as MEHS facility management determines other health and safety priorities. The CIP Master Plan addresses critical deferred maintenance, renewal, replacement, repair, renovation, repurposing, and other miscellaneous capital projects for MEHS.

Projects to be completed will be chosen from this complete Department of Education & Early Development Deferred Maintenance Listing (in Priority Order).

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

Dept. Priority	Allocation	Project Title	Project Cost (\$00.0)	Location (City)	House District
1	Mt. Edgecumbe	Emergency Generator	\$1,142.0	Sitka	35

Mt. Edgecumbe High School Deferred Maintenance

FY2020 Request:

\$500,000

Reference No:

62563

Dept. Priority	Allocation	Project Title	Project Cost (\$00.0)	Location (City)	House District
	High School Deferred Maintenance	and Switch Gear Installation, Upper Campus			
2	Library Operations	Stratton Library Critical Maintenance	\$2,413.0	Sitka	35
3	Mt. Edgecumbe High School Deferred Maintenance	Replacement of Heritage Hall (Building 295) Windows	\$298.0	Sitka	35
4	Mt. Edgecumbe High School Deferred Maintenance	Girls Dorm Siding Project	\$562.0	Sitka	35
5	Mt. Edgecumbe High School Deferred Maintenance	Campus-wide Bathroom Renovations	\$1,135.0	Sitka	35
6	Mt. Edgecumbe High School Deferred Maintenance	Building 292 (Boy's Dorm) Window Wall Replacement and Ventilation Improvements	\$4,611.0	Sitka	35
7	Mt. Edgecumbe High School Deferred Maintenance	Backup Generator Installation, Building 1331	\$439.0	Sitka	35
8	Mt. Edgecumbe High School Deferred Maintenance	Replacement of Boy's Dorm (Building 292) Windows	\$288.0	Sitka	35
9	Mt. Edgecumbe High School Deferred Maintenance	Dining Hall Renovation	\$3,627.0	Sitka	35
10	Mt. Edgecumbe High School Deferred Maintenance	Dormitory Furniture Replacement	\$168.0	Sitka	35
11	Mt. Edgecumbe High School Deferred Maintenance	Student Housing Upgrades	\$2,051.0	Sitka	35
12	Mt. Edgecumbe	Covered Campus	\$469.0	Sitka	35

Mt. Edgecumbe High School Deferred Maintenance

**FY2020 Request:
Reference No:**

**\$500,000
62563**

Dept. Priority	Allocation	Project Title	Project Cost (\$00.0)	Location (City)	House District
	High School Deferred Maintenance	Walkway			
13	Library Operations	Stratton Library Renovation	\$8,255.0	Sitka	35
14	Museum Operations	Sheldon Jackson Museum Window and Roof Replacement	\$1,170.0	Sitka	35
			\$26,628.0		

Hazardous Materials Replacement of Special Fuel Storage Containers and Spill Bladders **FY2020 Request: \$300,000**
Reference No: 62543

AP/AL: Appropriation **Project Type:** Renewal and Replacement
Category: Natural Resources
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Scott Kelley
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-6100

Brief Summary and Statement of Need:

Field camps and field offices have hazardous materials containment and storage items that are nearing the end of useful life and need upgraded to prevent potential contamination and environmental effects. Examples items that need replaced are special fuel storage containers and spill bladders. This project funds critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for Department of Fish and Game.

Funding:	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	Total
1197 AK Cap Inc	\$300,000						\$300,000
Total:	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

MH Deferred Maintenance and Accessibility Improvements **FY2020 Request:** **\$250,000**
Reference No: **33670**

AP/AL: Appropriation **Project Type:** Deferred Maintenance
Category: Health/Human Services **Recipient:** Various
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Jennifer Klein
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-1870

Brief Summary and Statement of Need:

Capital grant funds offered competitively to providers serving Alaska Mental Health Trust beneficiaries will be awarded statewide to agencies on a competitive basis for deferred maintenance, including facility renovation and repair, energy efficiency upgrades and, accessibility improvements. This project contributes to the department’s mission “To promote and protect the health and well-being of Alaskans”. The funds are needed to keep program facilities operational and accessible.

Funding:	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Total</u>
1197 AK Cap Inc	\$250,000						\$250,000
Total:	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input checked="" 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:

Sec4 Ch4 SLA2011 P11 L13 HB109 \$500,000
 Sec5 Ch42 SLA2010 P18 L9 HB302 \$470,000
 Sec4 Ch13 SLA2009 P14 L13 HB83 \$750,000
 Sec4 Ch29 SLA2007 P13 L24 HB96 \$2,000,000
 Sec5 Ch5 SLA2005 P13 L20 HB66 \$500,000
 Sec5 Ch157 SLA2004 P11 L10 HB377 \$400,000
 Sec4 Ch84 SLA2003 P10 L14 HB76 \$333,300

Project Description/Justification:

Agencies serving beneficiaries often lack resources for necessary deferred maintenance, renovation and repair, energy efficiency and accessibility upgrades. The ongoing need for this project has been well documented by the Alaska Mental Health Trust Authority, the beneficiary boards and the Comprehensive Integrated Mental Health Plan, *Moving Forward*. The unmet need for deferred maintenance is also documented by the consistent number of applicants that are left unfunded by each Request for Proposal (RFP) due to the limited funds available for this grant program.

The most RFP garnered \$1,587,177 in requests with only \$607,947 available for award. Maintenance of buildings for housing, treatment offices, residential services and administrative offices is a continual problem for providers serving Alaska Mental Health Trust beneficiaries. Some agencies have staff working in buildings that are in serious states of deterioration and disrepair. Clients are sometimes housed in residential program facilities in which maintenance and repair needs are extensive.

With a continuing decline in operating funds, many Alaska Mental Health Trust beneficiary service agencies must place all available resources in providing care to clients, and are not able to set aside repair and replacement funds for their buildings. Agencies serving beneficiaries often lack resources for necessary deferred maintenance, renovation and repair, energy efficiency and accessibility upgrades. There is usually no other option for these agencies, and their buildings continue to deteriorate. Funds for repair of beneficiary service provider facilities are a good investment in the health care of Alaskans. The amount of funds requested is only a small part of the total need.

The number of deferred maintenance projects continues to grow as agencies continue to defer the maintenance needs of their facilities due to lack of funds. Also, potential available funding sources to address deferred maintenance continue to decrease. Because of rising fuel and energy costs the Department may partner with the Alaska Housing Finance Corporation to allow for energy efficient upgrades to be included as part of this grant program. This request will reduce the deferred maintenance and accessibility needs as well as mitigate high energy costs among Alaska Mental Health Trust beneficiary provider agencies throughout Alaska.

With the continued rise in energy costs and agencies' inability to maintain their facilities, not funding this request could jeopardize the services provided for the well-being of Alaska Mental Health Trust beneficiaries.

MH Home Modification and Upgrades to Retain Housing

FY2020 Request: \$750,000

Reference No: 33671

AP/AL: Appropriation
Category: Health/Human Services
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2019 - 06/30/2024

Project Type: Renovation and Remodeling
Recipient: Various
House District: Statewide (HD 1-40)
Contact: Michael Frawley
Contact Phone: (907)465-1870

Brief Summary and Statement of Need:

This is a competitive capital grant program that provides housing modifications for persons with special needs. People are able to remain in their homes, thus reducing costs of providing supported housing or moving to institutional housing.

Funding:	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Total</u>
1197 AK Cap Inc	\$750,000						\$750,000
Total:	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input checked="" 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:

- Sec5 Ch1 SLA2016 P16 L12 HB257 \$1,050,000
- Sec4 Ch24 SLA2015 P11 L10 HB73 \$1,050,000
- Sec4 Ch17 SLA2014 P13 L10 HB267 \$1,050,000
- Sec4 Ch15 SLA2013 P12 L13 HB66 \$1,050,000
- Sec5 Ch16 SLA2012 P13 L18 HB285 \$1,050,000

Project Description/Justification:

This capital project provides housing modifications for persons experiencing a disability, therefore allowing them to remain in their homes and potentially reducing the cost of providing supported housing. This project increases the accessibility of current housing so that Alaska Mental Health Trust beneficiaries and other special needs populations can move into or remain in their own homes. Home modifications are available to people wherever they reside, regardless of whether they own or rent and with whom they live. Approximately 125 families receive modifications to their homes each grant cycle. Many of the agencies that receive these funds have wait lists for the needed modifications. Typical kinds of assistance provided are accessibility modifications or additions (e.g., widening doorways, remodeling bathrooms or kitchens, installing entrance ramps, adding bathrooms or bedrooms) and related equipment.

Grantees will coordinate their efforts with the Alaska Housing Finance Corporation (AHFC) weatherization program and similar tribal and municipal programs to supply essential repairs or

MH Home Modification and Upgrades to Retain Housing

FY2020 Request:

\$750,000

Reference No:

33671

upgrades to building structures (e.g., heating, plumbing, and/or electrical systems, roofs, weatherproofing, energy efficiency improvements). Funds will not be available to duplicate down payment, mortgage buy-down, or building repair and weatherization programs currently operated by AHFC. This program is supported in the Comprehensive Integrated Mental Health Plan, *Moving Forward*.

DHSS Facilities, DJJ and Public Health Deferred Maintenance, Renovation, Repair and Equipment

FY2020 Request: \$1,000,000
Reference No: 31862

AP/AL: Appropriation

Project Type: Deferred Maintenance

Category: Health/Human Services

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Amy Burke

Estimated Project Dates: 07/01/2019 - 06/30/2024

Contact Phone: (907)465-1624

Brief Summary and Statement of Need:

The deferred maintenance and renovation funding provides and supports 30 facilities maintained by the Department, including public health centers, laboratories, youth facilities and the Alaska Psychiatric Institute, with a combined replacement value of \$442,000,000. Funds will be used for immediate and critical renewal, repair, replacement and equipment needs in state-owned facilities and selected leased facilities. This request does not include the deferred maintenance needs for the Pioneer Homes.

Funding:	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	Total
1002 Fed Rcpts		\$29,657	\$29,657	\$29,657	\$29,657	\$29,657	\$148,285
1004 Gen Fund		\$1,048,550	\$1,048,550	\$1,048,550	\$1,048,550	\$1,048,550	\$5,242,750
1197 AK Cap Inc	\$1,000,000						\$1,000,000
Total:	\$1,000,000	\$1,078,207	\$1,078,207	\$1,078,207	\$1,078,207	\$1,078,207	\$6,391,035

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

- Sec16 Ch1 SLA2017 P21 L24 SB23 \$382,143
- Sec1 Ch2 SLA2016 P4 L30 SB138 \$1,416,845
- Sec1 Ch18 SLA2014 P54 L5 SB119 \$2,938,621
- Sec1 Ch16 SLA2013 P66 L27 SB18 \$2,902,800
- Sec1 Ch17 SLA2012 P119 L29 SB160 \$3,015,740
- Sec1 Ch5 SLA2011 P86 L11 SB46 \$3,086,300
- Sec4 Ch43 SLA2010 P12 L11 SB230 \$3,020,000
- Sec1 Ch15 SLA2009 P15 L27 SB75 \$1,146,589
- Sec13 Ch29 SLA2008 P149 L28 SB221 \$757,600
- Sec4 Ch30 SLA2007 P94 L27 SB53 \$900,000
- Sec1 Ch82 SLA2006 P72 L29 SB231 \$1,100,000
- Sec1 Ch3 SLA2005 P56 L15 SB46 \$950,000
- Sec1 Ch159 SLA2004 P26 L20 SB283 \$709,280
- Sec1 Ch82 SLA2003 P28 L18 SB100 \$1,400,000

DHSS Facilities, DJJ and Public Health Deferred Maintenance, Renovation, Repair and Equipment

FY2020 Request: \$1,000,000
Reference No: 31862

Sec1 Ch1 SLA2002 P40 L15 SB2006 \$1,400,000
 Sec1 Ch61 SLA2001 P19 L8 SB29 \$715,000
 Sec1 Ch135 SLA2000 P14 L16 SB192 \$401,400
 Sec100 Ch2 SLA1999 P48 L33 SB32 \$275,000
 Sec131 Ch139 SLA1998 P51 L9 SB231 \$192,300
 Sec82 Ch100 SLA1997 P52 L24 SB107 \$993,600
 Sec100 Ch123 SLA1996 P53 L22 SB136 \$1,118,000
 Sec135 Ch103 SLA1995 P37 L25 SB268 \$1,490,000
 Sec10 Ch4 SLA1994 P9 L11 SB363 \$777,800

Project Description/Justification:

This project funds deferred maintenance and renovation at Department of Health and Social Services facilities statewide, including immediate and critical renewal, repair, replacement and equipment needs. Facilities include public health centers, youth facilities, and the Alaska Psychiatric Institute. This project does not include the deferred maintenance needs for Pioneer Homes. In addition, the Department is responsible for a limited amount of special repairs and upgrades not covered by lease agreements at over 60-leased sites throughout the state. The Department's facilities have continued deferred maintenance needs resulting from heavy usage by staff and client groups. These funds will address only the most critical of the prioritized needs in order to maintain the State's investment in the Department's facilities. There are currently more than 164 deferred maintenance projects needing to be completed with a combined project cost in excess of \$14 million.

Each building deficiency for every facility is rated in terms of urgency: fire/life/safety, security, building integrity, and mission efficiency. Together, these criteria are used to prioritize each project. Priorities given are generally followed, but may be changed due to higher emerging needs that may arise throughout the year. These facilities are used to provide health care, juvenile detention, behavioral health, and children's services. Maintaining the facilities is critical to carrying out the Department's mission. These projects will increase the useful life of the Department's facilities.

Dept. Priority	Facility	Project Title	Project Cost (\$00.0)	Location (City)	House District
1	All Facilities	Emergent and Emergency Needs	\$250.0	Various	Various
2	Fairbanks Health Center	Glycol System Copper Pipe Replacement	\$82.7	Fairbanks	1-A
3	Juneau Health Center	Heating Ventilation Air Conditioning Ducting and Controls Upgrade	\$197.6	Juneau	34-Q
4	Juneau Health Center	Exterior Envelope Upgrades/ Window Replacement	\$214.7	Juneau	34-Q
5	Sitka Health Center	Install Kitchen Sink at Breakroom	\$23.0	Sitka	35-R
6	Johnson Youth Facility	Walkway Covering Between Annex & Treatment Buildings	\$258.3	Juneau	34-Q

DHSS Facilities, DJJ and Public Health Deferred Maintenance, Renovation, Repair and Equipment

FY2020 Request: \$1,000,000
Reference No: 31862

Dept. Priority	Facility	Project Title	Project Cost (\$00.0)	Location (City)	House District
7	Johnson Youth Facility	Roof Water Drainage Improvements	\$93.0	Juneau	34-Q
8	Nome Youth Facility	Sandblast and Paint the Steel Thermo-Piling	\$93.0	Nome	39-T
9	McLaughlin Youth Center	Cottage Walk Canopies Repair	\$74.1	Anchorage	25-M
10	Nome Youth Facility	Exterior Siding Replacement	\$427.1	Nome	39-T
11	McLaughlin Youth Center	Heating and Ventilation Upgrade for Cottages 1-5	\$342.0	Anchorage	25-M
12	Nome Youth Facility	Perimeter Gravel Regrading	\$12.3	Nome	39-T
13	Nome Youth Facility	Flooring Replacement	\$122.5	Nome	39-T
14	Nome Youth Facility	Paint Exterior Walls	\$47.8	Nome	39-T
15	Fairbanks Youth Facility	Entryway ADA and Safety Upgrade	\$21.4	Fairbanks	1-A
16	Fairbanks Youth Facility	Hot Water Recirculation Pipe Replacement	\$148.9	Fairbanks	1-A
17	Fairbanks Youth Facility	Detention Room Windows Privacy Screens	\$24.0	Fairbanks	1-A
18	Fairbanks Youth Facility	Building Carpet Replacement	\$108.0	Fairbanks	1-A
19	Fairbanks Youth Facility	Exterior Doors Upgrade	\$68.4	Fairbanks	1-A
20	Fairbanks Youth Facility	Generator Control Center Replacement	\$120.4	Fairbanks	1-A
21	Fairbanks Health Center	Fire Alarm System Modernization	\$60.3	Fairbanks	1-A
22	Juneau Health Center	Heat Pump Replacement	\$150.0	Juneau	34-Q
23	Juneau Health Center	Light Emitting Diode (LED) Light Conversion and Ceiling Fan Installation	\$47.4	Juneau	34-Q
24	Juneau Health Center	Asphalt Driveway Sealing and Striping	\$5.7	Juneau	34-Q
25	McLaughlin Youth Center	Cafeteria and Kitchen Restroom Renovation	\$59.5	Anchorage	25-M
26	McLaughlin Youth Center	Interior Lighting Upgrade	\$66.7	Anchorage	25-M
27	McLaughlin Youth Center	Wall Coverings Replacement	\$18.0	Anchorage	25-M
28	McLaughlin Youth Center	Carpeting Replacement	\$42.6	Anchorage	25-M
29	McLaughlin Youth Center	Carpeting Replacement	\$30.6	Anchorage	25-M

DHSS Facilities, DJJ and Public Health Deferred Maintenance, Renovation, Repair and Equipment

FY2020 Request: \$1,000,000
Reference No: 31862

Dept. Priority	Facility	Project Title	Project Cost (\$00.0)	Location (City)	House District
30	McLaughlin Youth Center	Paint Interior Walls	\$45.9	Anchorage	25-M
31	McLaughlin Youth Center	Resilient Floor Finishes Replacement	\$13.2	Anchorage	25-M
32	Fairbanks Youth Facility	Boiler Room Make-up Air	\$71.8	Fairbanks	1-A
33	Fairbanks Youth Facility	Heating and Ventilation Study	\$29.2	Fairbanks	1-A
34	Fairbanks Youth Facility	Sewer Lift Station Control Panel Replacement	\$31.2	Fairbanks	1-A
35	Fairbanks Youth Facility	Pipe and Insulation Replacement	\$35.3	Fairbanks	1-A
36	McLaughlin Youth Center	Carpeting Replacement	\$85.5	Anchorage	25-M
37	McLaughlin Youth Center	Exterior Siding Replacement	\$256.3	Anchorage	25-M
38	McLaughlin Youth Center	Interior Lighting Replacement	\$68.9	Anchorage	25-M
39	McLaughlin Youth Center	Site Lighting Upgrade	\$191.4	Anchorage	25-M
40	Juneau Health Center	Generator Installation	\$198.6	Juneau	34-Q
41	Juneau Health Center	Domestic Water Piping Replacement	\$72.4	Juneau	34-Q
42	Dillingham Health Center	Exterior Door and Office Window	\$5.8	Dillingham	37-H
43	McLaughlin Youth Center	Hot Water Piping Replacement	\$38.3	Anchorage	25-M
44	Fairbanks Youth Facility	Interior Door Viewing Windows	\$56.5	Fairbanks	1-A
45	McLaughlin Youth Center	Wood Deck Replacement	\$14.5	Anchorage	25-M
46	Fairbanks Youth Facility	Treatment Laundry Room Expansion	\$79.5	Fairbanks	1-A
47	Fairbanks Youth Facility	Nurses Suite Expansion	\$88.3	Fairbanks	1-A
48	Fairbanks Youth Facility	Food Service Equipment Replacement	\$90.9	Fairbanks	1-A
49	Sitka Health Center	LED Lighting Conversion	\$54.5	Sitka	35-R
50	Sitka Health Center	Clean and Paint Exterior	\$25.7	Sitka	35-R
51	McLaughlin Youth Center	Wood Deck Replacement	\$14.9	Anchorage	25-M
52	Sitka Health Center	Parking Lot Sealing and	\$19.4	Sitka	35-R

**DHSS Facilities, DJJ and Public Health Deferred
Maintenance, Renovation, Repair and Equipment**

**FY2020 Request: \$1,000,000
Reference No: 31862**

Dept. Priority	Facility	Project Title	Project Cost (\$00.0)	Location (City)	House District
		Striping			
53	McLaughlin Youth Center	Bathroom Renovations for Cottages 1 and 2	\$293.3	Anchorage	25-M
54	Johnson Youth Facility	Asphalt Repairs, Sealcoating and Striping	\$26.5	Juneau	34-Q
55	Johnson Youth Facility	Storage Sheds Repair	\$66.8	Juneau	34-Q
56	McLaughlin Youth Center	Floor Tile Replacement	\$15.3	Anchorage	25-M
57	McLaughlin Youth Center	Resilient Floor Finishes Replacement	\$26.5	Anchorage	25-M
58	McLaughlin Youth Center	Paint Exterior Walls	\$23.3	Anchorage	25-M
59	Juneau Health Center	Heating and Cooling Controls Modernization	\$20.9	Juneau	34-Q
60	McLaughlin Youth Center	Main Hallway Exhaust Fan Installation	\$22.8	Anchorage	25-M
61	McLaughlin Youth Center	Direct Digital Controls Upgrade	\$81.0	Anchorage	25-M
62	McLaughlin Youth Center	Vinyl Tile Replacement	\$46.8	Anchorage	25-M
63	McLaughlin Youth Center	Kitchen Casework Upgrade	\$21.1	Anchorage	25-M
64	McLaughlin Youth Center	Exterior Windows Replacement	\$59.3	Anchorage	25-M
65	McLaughlin Youth Center	Generator Room Louvers	\$41.0	Anchorage	25-M
66	McLaughlin Youth Center	Security Camera Expansion	\$44.4	Anchorage	25-M
67	Fairbanks Health Center	Exterior Siding Flashing and Sealant Repairs	\$36.0	Fairbanks	1-A
68	Fairbanks Health Center	Entryway Doors Replacement	\$61.2	Fairbanks	1-A
69	Ketchikan Health Center	Toilets and Plumbing Upgrade	\$16.6	Ketchikan	36-R
70	McLaughlin Youth Center	Electrical Panels Replacement	\$19.1	Anchorage	25-M
71	Dillingham Health Center	Perimeter Lot Entrance and Parking	\$17.7	Dillingham	37-H
72	Dillingham Health Center	Fuel Tank Rust Prevention and Maintenance	\$5.3	Dillingham	37-H
73	Fairbanks Youth Facility	Fire Lane Paving Installation	\$79.0	Fairbanks	1-A

DHSS Facilities, DJJ and Public Health Deferred Maintenance, Renovation, Repair and Equipment

FY2020 Request: \$1,000,000
Reference No: 31862

Dept. Priority	Facility	Project Title	Project Cost (\$00.0)	Location (City)	House District
74	Fairbanks Youth Facility	Paint Interior Walls	\$61.2	Fairbanks	1-A
75	Alaska Psychiatric Institute	Ice Melt Loop Repair and Glycol Loss	\$170.4	Anchorage	25-M
76	Alaska Psychiatric Institute	Underground Fuel Storage Line Monitoring System	\$39.7	Anchorage	25-M
77	Alaska Psychiatric Institute	Electronic Door Hardware	\$517.7	Anchorage	25-M
78	McLaughlin Youth Center	Kitchen Casework upgrade	\$13.3	Anchorage	25-M
79	Johnson Youth Facility	Fuel Monitoring System Replacement	\$38.9	Juneau	34-Q
80	McLaughlin Youth Center	Detention Cell Water Control Valve	\$80.2	Anchorage	25-M
81	Kenai Penn. Youth Facility	Add Air Conditioning Cooling Condensers to System	\$254.3	Kenai	30-O
82	McLaughlin Youth Center	Air Handler #6 Refurbishment	\$157.1	Anchorage	25-M
83	Bethel Youth Facility	Lift Station Enclosure and Equipment Walkway	\$256.4	Bethel	38-S
84	Bethel Youth Facility	Magnetic Door Holders and Reverse Swing Room 122	\$13.2	Bethel	38-S
85	Mat-Su Youth Facility	No Climb Fencing Installation	\$24.0	Palmer	11-F
86	Fairbanks Health Center	Radiant Panel Fin Tube Replacement	\$55.5	Fairbanks	1-A
87	Fairbanks Health Center	Fuel Storage Tank Monitoring System Installation	\$143.5	Fairbanks	1-A
88	Fairbanks Health Center	Interior Doors Upgrades	\$150.2	Fairbanks	1-A
89	Ketchikan Health Center	Heating and Cooling Upgrade	\$220.8	Ketchikan	36-R
90	Sitka Health Center	Front Door Needs New Hardware	\$5.1	Sitka	35-R
91	McLaughlin Youth Center	Interior Lighting Replacement	\$34.5	Anchorage	25-M
92	McLaughlin Youth Center	Mechanical Room Ventilation Upgrade	\$15.3	Anchorage	25-M
93	McLaughlin Youth Center	Resilient Floor Finishes	\$30.9	Anchorage	25-M
94	Alaska Psychiatric Institute	Water Softening System and Hot Water Storage Tanks	\$106.7	Anchorage	25-M
95	Anchorage Public Health Lab	Bio-Hazard Safety Level 3 Wall Repair	\$106.0	Anchorage	25-M

DHSS Facilities, DJJ and Public Health Deferred Maintenance, Renovation, Repair and Equipment

FY2020 Request: \$1,000,000
Reference No: 31862

Dept. Priority	Facility	Project Title	Project Cost (\$00.0)	Location (City)	House District
96	McLaughlin Youth Center	Roof Rubber Membrane Replacement	\$111.2	Anchorage	25-M
97	Fairbanks Health Center	Corridor Wall Fabric Sealing	\$70.7	Fairbanks	1-A
98	Fairbanks Health Center	Duct Cleaning	\$24.8	Fairbanks	1-A
99	Johnson Youth Facility	Air Handlers Heating Coils Replacement	\$45.9	Juneau	34-Q
100	McLaughlin Youth Center	Exterior Siding System Replacement	\$150.5	Anchorage	25-M
101	McLaughlin Youth Center	Vinyl Tile Replacement	\$34.5	Anchorage	25-M
102	Bethel Youth Facility	Utilidor Unit Heater	\$32.5	Bethel	38-S
103	Mat-Su Youth Facility	Kitchen Exhaust Fan Installation	\$64.1	Palmer	11-F
104	Alaska Psychiatric Institute	Pharmacy Ventilation Balancing	\$9.6	Anchorage	25-M
105	Alaska Psychiatric Institute	Direct Digital Control Panel Replacement	\$220.8	Anchorage	25-M
106	Johnson Youth Facility	Exterior Window Replacement in Admin/Prob.	\$59.6	Juneau	34-Q
107	Kenai Penn. Youth Facility	Carpeting Replacement	\$151.0	Anchorage	25-M
108	Kenai Penn. Youth Facility	12" inch Vinyl Floor Tile Replacement	\$37.7	Anchorage	25-M
109	Kenai Penn. Youth Facility	Perimeter Pole Light Upgrades	\$15.6	Anchorage	25-M
110	Ketchikan Health Center	Boiler Replacement	\$64.6	Ketchikan	36-R
111	McLaughlin Youth Center	Kitchen Air Handler	\$316.4	Anchorage	25-M
112	McLaughlin Youth Center	Bathroom Partition Replacement	\$12.4	Anchorage	25-M
113	Alaska Psychiatric Institute	Ice Melt Loop Repair at Front Entrance Sidewalk	\$76.5	Anchorage	25-M
114	McLaughlin Youth Center	Air Distribution, Heating and Cooling Upgrade	\$299.4	Anchorage	25-M
115	Mat-Su Youth Facility	Kitchen Plumbing and Grease Trap Installation	\$51.3	Palmer	11-F
116	Mat-Su Youth Facility	Heating and Ventilation Analysis and Balancing	\$45.9	Palmer	11-F
117	Mat-Su Youth Facility	Domestic Plumbing Supply Repair	\$45.3	Palmer	11-F

DHSS Facilities, DJJ and Public Health Deferred Maintenance, Renovation, Repair and Equipment

FY2020 Request: \$1,000,000
Reference No: 31862

Dept. Priority	Facility	Project Title	Project Cost (\$00.0)	Location (City)	House District
118	Mat-Su Youth Facility	Direct Digital Controls Upgrade	\$70.7	Palmer	11-F
119	McLaughlin Youth Center	Electrical Room Fire Code	\$11.5	Anchorage	25-M
120	McLaughlin Youth Center	School Time Keeper System	\$29.9	Anchorage	25-M
121	McLaughlin Youth Center	Roof Membrane Replacement	\$248.8	Anchorage	25-M
122	McLaughlin Youth Center	Interior Lighting Upgrade	\$118.6	Anchorage	25-M
123	Alaska Psychiatric Institute	Sidewalk and Curbing Replacement	\$86.1	Anchorage	25-M
124	Alaska Psychiatric Institute	Nurse Call System Replacement	\$1,060.0	Anchorage	25-M
125	Fairbanks Health Center	Casework Replacement	\$61.2	Fairbanks	1-A
126	Fairbanks Health Center	Interior Wall Paint	\$43.3	Fairbanks	1-A
127	Ketchikan Health Center	Roof Cleaning and Gutter Repair	\$10.5	Ketchikan	36-R
128	Dillingham Health Center	Flooring Replacement	\$35.1	Dillingham	37-H
129	Bethel Youth Facility	Toilet Renovations	\$19.8	Bethel	38-S
130	Bethel Youth Facility	Roof Drainage Improvements	\$15.7	Bethel	38-S
131	Sitka Health Center	Window Covering Upgrades	\$36.1	Sitka	35-R
132	Alaska Psychiatric Institute	Site Drainage Repair	\$55.8	Anchorage	25-M
133	Kenai Penn. Youth Facility	Perimeter Fence Repair	\$44.0	Anchorage	25-M
134	McLaughlin Youth Center	Air Handling Units on Roof-Top	\$167.8	Anchorage	25-M
135	Anchorage Public Health Lab	Refurbish Rooftop Air Cooled Chiller	\$20.7	Anchorage	25-M
136	Anchorage Public Health Lab	Heating and Ventilation Filters	\$20.2	Anchorage	25-M
137	McLaughlin Youth Center	Toilet and Bath Accessories Upgrade	\$30.0	Anchorage	25-M
138	McLaughlin Youth Center	Exterior Windows in Common/Detention Room	\$61.2	Anchorage	25-M
139	McLaughlin Youth Center	Wood Deck Replacement	\$12.4	Anchorage	25-M
140	Alaska Psychiatric Institute	Exterior Walls Masonry Units Stain Removal	\$47.8	Anchorage	25-M
141	Alaska Psychiatric	Exterior Walls Sealant	\$19.1	Anchorage	25-M

DHSS Facilities, DJJ and Public Health Deferred Maintenance, Renovation, Repair and Equipment

FY2020 Request: \$1,000,000
Reference No: 31862

Dept. Priority	Facility	Project Title	Project Cost (\$00.0)	Location (City)	House District
	Institute	Replacement			
142	Alaska Psychiatric Institute	Casework and Countertop Replacement	\$95.7	Anchorage	25-M
143	Alaska Psychiatric Institute	Administration Area Carpeting Replacement	\$57.4	Anchorage	25-M
144	Alaska Psychiatric Institute	Parking Lot Repair	\$61.2	Anchorage	25-M
145	Alaska Psychiatric Institute	Upgrade Humidification System in Server Room	\$78.5	Anchorage	25-M
146	McLaughlin Youth Center	Interior Lighting Upgrade	\$61.2	Anchorage	25-M
147	McLaughlin Youth Center	Carpeting Replacement	\$44.0	Anchorage	25-M
148	McLaughlin Youth Center	Spectator Bleachers	\$80.4	Anchorage	25-M
149	McLaughlin Youth Center	Paint Interior Walls	\$45.9	Anchorage	25-M
150	Bethel Youth Facility	Fencing Upgrades	\$103.1	Bethel	38-S
151	Bethel Youth Facility	Replace Concrete Landing at Entrance 145	\$12.4	Bethel	38-S
152	Bethel Youth Facility	Gymnasium Sound Panels	\$27.3	Bethel	38-S
153	Mat-Su Youth Facility	Vinyl Composite Tile Replacement	\$37.1	Palmer	11-F
154	Johnson Youth Facility	Air Handler Heating Coils Replacement	\$42.4	Juneau	34-Q
155	Anchorage Public Health Lab	Lighting Fixture Upgrade	\$207.7	Anchorage	25-M
156	Johnson Youth Facility	Replace Concrete Walkway	\$75.6	Juneau	34-Q
157	Anchorage Public Health Lab	Direct Digital Controls Upgrade	\$82.7	Anchorage	25-M
158	McLaughlin Youth Center	Carpeting Replacement	\$66.3	Anchorage	25-M
159	McLaughlin Youth Center	Detention Court Plumbing Fixture Replacement	\$55.8	Anchorage	25-M
160	McLaughlin Youth Center	Exterior Windows Replacement	\$132.5	Anchorage	25-M
161	Anchorage Public Health Lab	Exterior Walls Sealant Renewal	\$26.5	Anchorage	25-M
162	Anchorage Public Health Lab	Paint Interior Walls	\$128.1	Anchorage	25-M
163	Anchorage Public Health Lab	Carpeting Replacement	\$54.5	Anchorage	25-M

**DHSS Facilities, DJJ and Public Health Deferred
Maintenance, Renovation, Repair and Equipment**

**FY2020 Request: \$1,000,000
Reference No: 31862**

Dept. Priority	Facility	Project Title	Project Cost (\$00.0)	Location (City)	House District
164	McLaughlin Youth Center	Day Room and Office Carpet Replacement	\$58.1	Anchorage	25-M
			\$14,218.0		

Alaska Vocational Technical Center (AVTEC) Deferred Maintenance

FY2020 Request: \$1,000,000
Reference No: 62618

AP/AL: Appropriation
Category: Education
Location: Seward
Impact House District: Kenai Areawide (HD 29-31)
Estimated Project Dates: 07/01/2019 - 06/30/2024

Project Type: Deferred Maintenance
House District: Kenai Areawide (HD 29-31)
Contact: Paloma Harbour
Contact Phone: (907)465-2107

Brief Summary and Statement of Need:

Critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for AVTEC.

Funding:	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	Total
1197 AK Cap Inc	\$1,000,000						\$1,000,000
Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Projects to be completed will be chosen from this Deferred Maintenance Listing in Priority Order.

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

Department Priority	Allocation	Project Description	Project Cost (\$00.0)	Location (City)	House District
1	AVTEC First Lake Campus	AVTEC received deferred maintenance funding to conduct fire egress renovations to the First Lake Facility. A facility needs assessment found renovation costs significantly exceeded original cost estimates. AVTEC broke the project into two phases and needs additional funding to complete the	400.0	Seward	29

Alaska Vocational Technical Center (AVTEC) Deferred Maintenance

**FY2020 Request: \$1,000,000
Reference No: 62618**

		project.			
2	AVTEC Student Life Campus	AVTEC received deferred maintenance funding to conduct Cafeteria safety and health renovations. A facility needs assessment found renovation costs significantly exceeded original cost estimates. AVTEC broke the project into two phases and needs additional funding to complete the project.	350.0	Seward	29
3	AVTEC Campus-wide	AVTEC's fire alarm system requires upgrades to meet current standards and ensure students have a safe and healthy learning environment. Phase 1 has been funded in FY2019 and will include a study to conduct a needs and risk assessment resulting in a prioritized list of fire alarm replacements. This project is a placeholder until that assessment is completed and will result in the replacement of all remaining systems that are not able to be replaced with Phase 1 funding.	450.0	Seward	29
4	AVTEC Applied Technology Campus	AVTEC's Welding facility needs renovation to ensure a safe and healthy learning environment for AVTEC students. Renovation needs include: improved ventilation to pull welding fumes, and gases out of the building.	250.0	Seward	29
5	AVTEC Student Life Campus	AVTEC's student housing and student services center needs renovations to ensure students have a safe and healthy living environment. Renovation needs include: drywall repairs, siding repairs, and flooring replacement.	750.0	Seward	29
6	AVTEC Applied Technology Campus	AVTEC's Industrial Electricity building needs repairs to ensure a safe and healthy learning environment for AVTEC students. Renovation needs include removal of old flooring and replacing aged boilers. The flooring and heating system has not been replaced since original construction.	350.0	Seward	29
7	AVTEC First Lake Campus	AVTEC's First Lake Campus needs repairs to ensure a safe and healthy learning environment for AVTEC	500.0	Seward	29

Alaska Vocational Technical Center (AVTEC) Deferred Maintenance

**FY2020 Request: \$1,000,000
Reference No: 62618**

		students. Renovation needs include replacing two aged boilers, renovating the loading dock, and repairing exterior damage.			
8	AVTEC Campus-wide	AVTEC's campus requires a number of repairs to its curbs, sidewalks, and access roadways to ensure a safe learning environment for AVTEC students. Repair needs include replacing/resurfacing broken, damaged and deteriorating curbs, sidewalks and access roadways. ADA compliant cuts need to be made at various curbsides.	450.0	Seward	29
9	AVTEC Applied Technology Campus	AVTEC's old Applied Technology building was replaced when it was determined to be unsafe. Now AVTEC needs to demolish the old building to save on annual utility costs and prepare for future construction.	1,000.0	Seward	29
10	AVTEC Applied Technology Campus	AVTEC currently rents space for its Plumbing and Heating program. This space is overpriced for its condition. AVTEC would like to replace this building with a state-owned facility on the old Applied Technology building land. AVTEC's current maintenance shop is also in need of replacement and could be incorporated into the new facility.	15,000.0	Seward	29
			19,500.0		

DM&VA Statewide Deferred Maintenance

FY2020 Request: \$250,000
Reference No: 62619

AP/AL: Appropriation **Project Type:** Deferred Maintenance
Category: Public Protection
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Brian Duffy
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)428-7210

Brief Summary and Statement of Need:

Critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for the Department of Military and Veterans' Affairs.

Funding:	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	Total
1197 AK Cap Inc	\$250,000						\$250,000
Total:	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Projects to be completed will be chosen from this Deferred Maintenance Listing in Priority Order.

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

Dept. Priority	Allocation	Project Title	Project Cost (\$00.0)	Location (City)	House District
1	State Wide	Fall Protection - All Roofs	\$250.0	Statewide	1-40
2	State Wide	Arc-Flash Protection State-wide	\$500.0	Statewide	1-40
3	Joint Base Elmendorf Richardson	C-Wing restrooms	\$150.0	JBER	13
4	Joint Base Elmendorf	D- wing remodel	\$1,000.0	JBER	13

DM&VA Statewide Deferred Maintenance

FY2020 Request:

\$250,000

Reference No:

62619

Dept. Priority	Allocation	Project Title	Project Cost (\$00.0)	Location (City)	House District
	Richardson				
5	Alcantra Armory	Alcantra Generator - Annex, DFAC, and Well house.	\$40.0	Wasilla	7
6	Alcantra Armory	Design for the Alcantra Road Transition for New Entrance	\$250.0	Wasilla	7
7	Statewide	Building Environmental Controls DDC (Direct Digital Controls) Upgrade - design Master Plan	\$500.0	Statewide	1-40
8	State Wide	Tank Monitoring	\$150.0	Statewide	1-40
9	JBER	JBER- Pedestrian cross-walks upgrades & 57024 Parking Lot expansion	\$400.0	JBER	13
10	Joint Base Elmendorf - Richardson	JBER Concrete Repair and Replacement	\$150.0	JBER	13
11	Western/Rural Interior	Quinhagak Armory - Upgrade to Current Standards	\$535.0	Quinhagak	38
12	Southeast Alaska -	Ketchikan Armory - Resurface Drill Hall Floor	\$80.0	Ketchikan	36
13	Valdez Armory	Facility Upgrade - Paint Valdez Drill Hall Floor	\$80.0	Valdez	9
14	Joint Base Elmendorf - Richardson	Camp Carroll Building 60802 Paint/Lighting/Signage	\$20.0	JBER	13

DM&VA Statewide Deferred Maintenance

FY2020 Request:

\$250,000

Reference No:

62619

Dept. Priority	Allocation	Project Title	Project Cost (\$00.0)	Location (City)	House District
15	Utqiagvik	Utqiagvik Armory - Repair/Replace gate and Doors	\$550.0	Utqiagvik	40
16	Bethel Hangar	Bethel - Fire Suppression Replacement	\$1,500.0	Bethel	38
17	Civil Support Team- Building 52 Anchorage Airport	Building renovation	\$3,000.0	Anchorage	21
18	Joint Base Elmendorf - Richardson	BAAF - Steam Boiler Systems Replacement	\$650.0	JBER	13
19	Joint Base Elmendorf - Richardson	Replacement of Deluge Systems.	\$8,000.0	JBER	13
20	Joint Base Elmendorf - Richardson	Demolish Old Fire Suppression System - Building 47436	\$150.0	JBER	13
21	Western/Rural Interior	Repair/Replace Spill Prevention, Control, and Countermeasure Equipment at Kotzebue Hangar	\$6.0	Kotzebue	40
22	Western/Rural Interior	Repair/replace Spill Prevention, Control, and Countermeasure Equipment at Kotzebue Armory	\$3.5	Kotzebue	40
23	Western/Rural Interior	Facility Upgrade - Hooper Bay Armory 1 Carpet and Paint	\$350.0	Hooper Bay	39
24	Western/Rural Interior	Facility Upgrade - Paint Bethel Hangar Floor	\$350.0	Bethel	38

DM&VA Statewide Deferred Maintenance

FY2020 Request:

\$250,000

Reference No:

62619

Dept. Priority	Allocation	Project Title	Project Cost (\$00.0)	Location (City)	House District
25	Joint Base Elmendorf - Richardson	Repair/Upgrade Parking Lot Pavement at Building 47427, Hangar 6	\$650.0	JBER	13
26	Joint Base Elmendorf - Richardson	Repair/Upgrade Bryant Airfield Roadway Security Gates	\$750.0	JBER	13
27	Joint Base Elmendorf - Richardson	Bryant Army Airfield Maintenance	\$1,500.0	JBER	13
28	Joint Base Elmendorf - Richardson	Bryant Army Airfield Obstruction Survey and Chart	\$90.0	JBER	13
29	Western/Rural Interior	Nome Hangar Asphalt Repair	\$150.0	Nome	39
30	Joint Base Elmendorf - Richardson	Bryant Army Airfield - Hangar 6 Roof Replacement.	\$500.0	JBER	13
31	Joint Base Elmendorf - Richardson	Bryant Army Airfield - Building 47432 lighting and Signage upgrade to energy efficient LED's	\$10.0	JBER	13
32	Joint Base Elmendorf - Richardson	Bryant Army Airfield - Airfield Tower Administrative Office Addition	\$1,000.0	JBER	13
33	Joint Base Elmendorf - Richardson	Bryant Army Airfield - Oil Water Separator Installation	\$150.0	JBER	13
34	Southeast Alaska -	Juneau AAOF Roof Replacement	\$550.0	Juneau	33
35	Western/R	Bethel AAOF -	\$70.0	Bethel	38

DM&VA Statewide Deferred Maintenance

FY2020 Request:

\$250,000

Reference No:

62619

Dept. Priority	Allocation	Project Title	Project Cost (\$00.0)	Location (City)	House District
	ural Interior	Security System Install			
36	Joint Base Elmendorf - Richardson	Bryant Army Airfield - Hangar Access Repair	\$2,050.0	JBER	13
37	Joint Base Elmendorf - Richardson	Camp Denali - DBRD Roof/Insulation/ Ceiling Fans 49140 (USPFO)	\$200.0	JBER	13
38	Joint Base Elmendorf - Richardson	Bryant Army Airfield - DBRD Replace lighting With LED's Building 47430 (Hangar 1)	\$100.0	JBER	13
39	Western/R ural Interior	Nome AAOF - Exterior Lighting Project	\$8.0	Nome	39
40	Joint Base Elmendorf - Richardson	Bryant Army Airfield - Hangar 6 bathroom remodel	\$40.0	JBER	13
41	Nome	Nome - AAOF Roof and Envelope Replacement	\$750.0	Nome	39
42	Joint Base Elmendorf - Richardson	Bryant Army Airfield Hangar 6 - Parking Lot Pavement - Building 47427	\$350.0	JBER	13
			\$27,582.5		

DNR Facilities and Statewide Deferred Maintenance

FY2020 Request: \$500,000
Reference No: 62582

AP/AL: Appropriation **Project Type:** Deferred Maintenance
Category: Transportation
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Fabienne Peter-Contesse
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-2422

Brief Summary and Statement of Need:

Critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for Department of Natural Resources.

Funding:	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Total</u>
1197 AK Cap Inc	\$500,000						\$500,000
Total:	\$500,000	\$0	\$0	\$0	\$0	\$0	\$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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Projects to be completed will be chosen from this Deferred Maintenance Listing in Priority Order (only the top 10 of 700+ projects are listed here).

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

Priority	Allocation	Project Description	Project Cost (\$00.0)	Location (City)	House District
1	1 Parks & Outdoor Recreation - Kenai Area	KRSMA - Bings Landing: Replace concrete boat ramp. The existing ramp has exceeded its useful life and is failing. The concrete planks are crumbling exposing rebar to the	150.0	Kenai	29

DNR Facilities and Statewide Deferred Maintenance

FY2020 Request:

\$500,000

Reference No:

62582

Priority	Allocation	Project Description	Project Cost (\$00.0)	Location (City)	House District
		<p>elements, thus accelerating the structure's deterioration. The structure's level of service has been greatly decreased adversely affecting commercial guides and individuals that use the ramp – the site sees approximately one hundred thousand visits annually. Complete failure of the ramp will impact businesses and overwhelm alternative boat launches into the Kenai River. This project will replace the entire boat ramp with a similar system. This project is a candidate for federal Dingell Johnson (DJ) funding, however, federal funding cannot be requested until a match has been approved. In the event DJ funds are not secured the entire amount requested is needed to complete the project. If DJ funds are secured, then the division would only need the non-federal match portion (25% under the DJ program) which would only be \$37.5.</p>			
2	1 Parks & Outdoor Recreation - Mat-Su Area	<p>Finger Lake State Recreation Site: Extend boat ramp and remove reef along dock. The end of the existing ramp has suffered severe scouring and deposits. The holes and deposited material pose a serious hazard to boaters accessing Finger Lake at this facility. This project will remove the deposited material and regrade the end of the ramp to mitigate the problem. Additionally, this project will also extend the existing ramp to provide additional scour protection and prevent recurrence of the problem. This project is a candidate for federal Dingell Johnson (DJ) funding, however, federal funding cannot be requested until a match has been</p>	150.0	Mat-Su	7

DNR Facilities and Statewide Deferred Maintenance

FY2020 Request:

\$500,000

Reference No:

62582

Priority	Allocation	Project Description	Project Cost (\$00.0)	Location (City)	House District
		approved. In the event DJ funds are not secured the entire amount requested is needed to complete the project. If DJ funds are secured, then the division would only need the non-federal match portion (25% under the DJ program) which would only be \$37.5.			
3	Parks & Outdoor Recreation - Northern Area	Chena River SRA - Twin Bears Camp: Install solar panel and battery power system.	20.0	Northern	6
4	1 Statewide Forestry Facilities Deferred Maintenance	Repair Wildland Fire Operations & Cache Facility: Project repairs multiple code deficiencies and failing building systems to insure Pioneer Peak & Gannett Glacier have required facilities and protection for \$3.8MM in engines. FY19 funded \$200.0 however, requirements remain and economies of scale on contracts for design and construction keep the programmed required amount high.	365.0	Palmer	11
5	Agriculture Plant Materials Center (PMC)	The PMC houses the primary seed cleaning plant in Alaska. The cleaned seed is used for foundation seed, agriculture production, and revegetation and erosion control projects. The 1972 design and construction have not kept up with technology deemed standard in the industry. While the recent refurbishing activities have helped resolve safety and health issues, modernization of the actual seed handling and cleaning equipment is needed. Updates will include a dust collection system, material transfer and flow devices in between cleaning equipment, pre clean storage and seed dying system, and updated lighting.	250.0	Palmer	11F
6	1 Statewide Forestry Facilities	Wildland Fire Tanker Retardant Base Code Compliance Analysis: Tanker	50.0	Statewide	40

DNR Facilities and Statewide Deferred Maintenance

FY2020 Request:

\$500,000

Reference No:

62582

Priority	Allocation	Project Description	Project Cost (\$00.0)	Location (City)	House District
	Deferred Maintenance	bases in McGrath, Tanacross, Kenai and Palmer require life safety code compliance analysis. Tanker bases in McGrath and Tanacross have significant infrastructure issues requiring engineering analysis for solutions. Repairs cannot be identified without professional design effort due to specialization of systems.			
7	Parks & Outdoor Recreation - Northern Area	Chena River SRA - Twin Bears Camp: Replace plumbing system: pump, distribution, faucets, and upgrade.	40.0	Northern	6
8	Parks & Outdoor Recreation - Northern Area	Chena River SRA - Twin Bears Camp: 2 shower houses: replace flooring, sheetrock, door, shower stalls, water heater, sinks, and washer & dryer.	30.0	Northern	6
9	Parks & Outdoor Recreation - Northern Area	Chena River SRA - Twin Bears Camp: Replace old fiberglass roofs with shingles on 3 cabins.	10.0	Northern	6
10	Parks & Outdoor Recreation - Northern Area	Chena River SRA - Twin Bears Camp: Replace outdoor group fire-rings and benches. Replace entrance gate with fencing.	10.0	Northern	6
			1,075.0		

DOTP&F Highways, Bridges, Runways, Airports, and Harbors Deferred Maintenance

FY2020 Request: \$5,000,000
Reference No: 62620

AP/AL: Appropriation **Project Type:** Deferred Maintenance
Category: Transportation
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Sunny Haight
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-3911

Brief Summary and Statement of Need:

DOTP&F Highways, Bridges, Runways, Airports, and Harbors Deferred Maintenance

Funding:	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	Total
1197 AK Cap Inc	\$5,000,000						\$5,000,000
Total:	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Projects to be completed will be chosen from this Deferred Maintenance Listing in Priority Order.

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

Dept. Priority	Project Title	Project Description	Est Prj. Cost	Location (City)	House District
1	Western District Pavement Spot Repairs	Spot repair on areas of damaged pavement. Hope to repair various paved roads with crack sealing, double chip applications, and HAP if/when available.	\$50.0	Nome	39-T
2	Area-Wide Asphalt Repair	Spot repairs to various paved roads	\$250.0	SE	Various
3	NR Bridge Maintenance	Cleaning, Joint repair and replacement, guardrail repair and replacement, and Deck repairs.	\$250.0		1-A, 2-A, 3-B, 4-B, 5-C, 6-C, 9-E, 10-E, 32-P, 37-S, 39-T, 40-T
4	Region-wide Culvert	Repair, replace, or line failing culverts	\$1,000.0	Region-wide	

DOTP&F Highways, Bridges, Runways, Airports, and Harbors Deferred Maintenance

FY2020 Request: \$5,000,000
Reference No: 62620

Dept. Priority	Project Title	Project Description	Est Prj. Cost	Location (City)	House District
	Repair	throughout the Region			
5	Shageluk Airport Access Road Erosion Repair	Innoko River is encroaching on the Airport Access Road at Shageluk. Repair portions of the existing embankment and install erosion protection measures.	\$500.0		37-S
6	Sleetmute Airport Runway Repair	Purchase, haul, and place 3,000 yards of E-1. Shape, compact and apply dust palliative.	\$300.0	Sleetmute	
7	Takotna Runway Repair	Repair damage to R/W from differential settlement.	\$600.0	Takotna	
8	Region-Wide Guardrail Repair	Re-stock and replace damaged guardrail throughout the region.	\$300.0		1-A, 2-A, 3-B, 4-B, 5-C, 6-C, 9-E, 10-E, 32-P, 37-S, 39-T, 40-T
9	Region-Wide Guardrail Repair	Repair/replace damaged guardrail and end terminals throughout the region.	\$500.0		
10	Interior Airport Lighting Repairs	Repair aging airfield lighting at four Airports – Kaltag, Bettles, Koyukuk and Huslia	\$85.0		39-T, 40-T
11	Fairbanks District Traffic Signal Upgrades, Lighting/ Signal Load Center Upgrades/ Lighting Maintenance	Upgrade Traffic Signals and Traffic Signal/ Lighting Load Centers in Fairbanks District. Upgrade street lighting in Fairbanks to LED technology to increase efficiency and reduce maintenance costs.	\$125.0	Fairbanks	1-A, 2-A, 3-B, 4-B, 5-C, 6-C
12	Interior Airport Brush Cutting	This project will consist of performing clearing work at Bettles, Koyukuk, and Huslia. These funds will be combined with other AIP Obstruction Removal Funding.	\$350.0		39-T, 40-T
13	Region-wide Brush cutting	Brush cutting and vegetative management (including IVMP) within the Fairbanks District boundaries. Reduced manpower and equipment require additional funding to meet target LOS.	\$450.0	Fairbanks	1-A, 2-A, 3-B, 4-B, 5-C, 6-C, 9-E, 10-E, 32-P, 37-S, 39-T, 40-T
14	Ketchikan Airport Brush cutting	Cut brush on the entire airport	\$120.0	Ketchikan	1-A
15	Kake Road Brush Cutting	Area wide vegetation management	\$30.0	Kake	5-C
16	Harbor Maintenance	Repair state owned harbors as needed	\$100.0	SR	
17	Elliott Hwy Resurface	Many sections settled from freeze thaw. A lot of industrial and commercial traffic use this road for Oil Field Support. Reclaim and	\$400.0	Livengood	6-C

DOTP&F Highways, Bridges, Runways, Airports, and Harbors Deferred Maintenance

FY2020 Request: \$5,000,000
Reference No: 62620

Dept. Priority	Project Title	Project Description	Est Prj. Cost	Location (City)	House District
		repave various sections from MP 28-72.			
18	Taylor Hwy 42 - 64	Repair 12 lane miles of road from MP42-64 on the Taylor Hwy. The current PM funding is inadequate to keep up with the deterioration of this section of highway.	\$500.0	Tok	6-C
19	Old Rich 0-1 Resurface	Reclaim and pave Old Richardson Highway from Cushman St. to Richardson Hwy. Asphalt is well past its life cycle and in serious need of repair.	\$950.0	Fairbanks	3-B
20	Eagle River Loop Asphalt Repair	Mill & Pave 1.885 centerline miles of Eagle River Loop	\$1,452.0	Eagle River	14
21	Old Edgerton Drainage Repairs	Drainage repairs. Clean ditches replace 6 damaged pipes. 0-11.8	\$350.0	Chitina	6-C
22	Western District Calcium Chloride	Place calcium chloride on the Kougarok, Nome-Teller, Nome-Council, St. Mary's & Pitkas Point roads and other most appropriate gravel roads throughout the District to reduce dust and reduce the loss of fines on the road surface.	\$200.0	Nome	39-T
23	Nelson Lagoon Airport Grading	Grade and compact the runway	\$45.0	Nelson Lagoon	38-S
24	Sand Point Airport Fence Repair	Install improved fencing and gate control access	\$300.0	Sand Point	37-S
25	Larson Bay Airport	Lighting system repairs, Windsock Pole Replacement	\$30.0	Larson Bay	36-S
26	Remove Ketchikan float plane dock ramp	Remove damaged float plane access dock	\$100.0	Ketchikan	1-A
27	Fairbanks Area Sign Replacement	Replace local road signs in the District to maintain standard compliance.	\$100.0	Fairbanks	1-A, 2-A, 3-B, 4-B, 5-C, 6-C
28	Haines Highways Brush Cutting	Area wide vegetation management	\$90.0	Haines	5-C
29	Southwest District Vegetation Control	Cut and remove vegetation on Airport Property.	\$350.0	Southwest District	37, 38
30	Peninsula Airport Vegetation Control	Cut and remove vegetation on Airport Property.	\$200.0	Peninsula District	29, 31
31	Anchorage District Brush Cutting	Perform vegetation control on roads throughout the Anchorage District to improve sight distance at curves and intersections, reduce shading, improve drainage, provide clear zones, and control snow drifting. Work will be performed in compliance with the Department's Integrated Vegetation Management Plan.	\$300.0	Anchorage, Girdwood and Silvertip	27, 28
32	Mat-Su District Vegetation Control	Contract vegetation control along Mat-Su highways to augment existing crew	\$300.0	MatSu District	7, 8, 9, 11

DOTP&F Highways, Bridges, Runways, Airports, and Harbors Deferred Maintenance

FY2020 Request: \$5,000,000
Reference No: 62620

Dept. Priority	Project Title	Project Description	Est Prj. Cost	Location (City)	House District
		capabilities.			
33	Peninsula District Brush Cutting	Cut brush in right-of way on roads throughout the Peninsula District.	\$300.0	Peninsula District	29, 31
34	Mat-Su District Vegetation Control	Cut and remove vegetation on Airport Property.	\$175.0	MatSu District	9
35	Area-wide Crack Seal	Crack seal roads throughout the District	\$80.0	SE	
36	Kake Airport Brush Cutting	Cut brush in and around the RSA	\$60.0	Kake	5-C
37	Interior Airport Brush Cutting Equipment	After review of existing clearing equipment, we are proposing to purchase another piece of clearing equipment. At this time, we are reviewing loader mounted clearing attachments, which can be used by existing loaders at the airport. This attachment should meet our needs and be more cost effective to ship and the initial purchase price is less than a new piece of specialized clearing equipment.	\$100.0		6-C, 39-T, 40-T
38	Copper River Hwy Highway Vegetation Management	Cut brush back from road surface and re-establish sight distance MP 0-36	\$50.0	Cordova	
39	Anchorage District Vegetation Control	Cut and remove vegetation on Airport Property.	\$125.0	Anchorage	
40	Old Harbor Airport Resurfacing	Replace deteriorated surface course	\$200.0	Old Harbor	36-S
41	Tok District Culvert Maintenance	Clean out debris and repair minor damage to as many as 200 culverts throughout the Tok District. (primary use of the DM funding would be to rent and transport a backhoe capable of performing this work efficiently)	\$200.0		6-C, 9-E
42	Church Road Asphalt Repair	Mill and pave Church Road MP 0 to 4.118	\$600.0	Wasilla	9
43	Port Lions Airport Brush Cutting	Brush cutting	\$20.0	Kodiak	36-R
44	Taylor Highway Gravel Resurfacing 64 - 148	Place D-1 surface aggregate on the Taylor Highway in various places between MP 67-160 to improve road surface and fix problem areas. The scope of this project would resurface 75 lane miles of road.	\$500.0	Eagle	6-C
45	Region-wide Gravel Stockpiles	Provide Surface Course E-1 at Rural Airports for repairs.	\$1,000.0	Central Region	
46	S Naknek lighting repairs	Repair lighting system	\$250.0	King Salmon	37-S

DOTP&F Highways, Bridges, Runways, Airports, and Harbors Deferred Maintenance

FY2020 Request: \$5,000,000
Reference No: 62620

Dept. Priority	Project Title	Project Description	Est Prj. Cost	Location (City)	House District
47	Road to Tanana Bridge	Install bridge at Sullivan creek on the Road to Tanana.	\$450.0	Manley	
48	Anchor Point Rd. (aka Beach Rd.) - Mile 0.0 to 1.2 Repair	Grind and pave Mile 0.0 to 1.2, both lanes; minor sub-grade work. Center Line Miles 1.2 - Width 24'	\$1,080.0	Homer	31
49	King Salmon airport Crack Seal	Crack seal west, south, east parking apron	\$100.0	King Salmon	37-S
50	Circle Hot Springs Road Culvert Replacement	Replace approximately 20 - 24" culverts along this section due to road settlement and damage.	\$125.0	Central	1-A, 2-A, 3-B, 4-B, 5-C, 6-C
51	Back Loop Rd Ditch Repair	Ditching Back Loop Rd MP 0-3.9	\$50.0	Juneau	3-B
52	Repp Rd Resurface	Reclaim and Pave Repp Rd. Aged surface is past its useful life. Maintenance costs are rising with each passing year.	\$850.0	North Pole	3-B
53	SW District Fence and Gate Repair	Repair, replace damaged areas of fence; add fencing to increase security and to prevent wildlife incursions; remove, replace or add gates.	\$300.0	Southwest District	37, 38
54	Thorne Bay Road Ditch Repair	Finish ditching MP 0-13	\$60.0	Klawock	5-C
55	Gulkana Airport Access Road and Parking Area Resurfacing	Mill & pave Gulkana Airport access roads and parking areas.	\$270.0		6-C
56	N. Eagle River Access Road Repair	Mill & pave .619 miles.	\$190.0	Eagle River	14
57	Klondike Hwy Guardrail repairs	Replace guardrail from mile 8 to the boarder	\$3,000.0	Skagway	5-C
58	Tok Dust Palliative	Place a dust palliative on the Taylor Hwy and local roads throughout the Tok District to reduce dust and reduce the loss of fines on the road surface.	\$300.0	Southfork, O'brien Creek, Eagle	6-C
59	Crooked Creek Airport Runway Repair	Repair and grade runway and windsock area.	\$100.0	Crooked Creek	38
60	Nome Highways Culvert Repairs	Replace bad Culverts along Nome highways as needed. 8-Teller Hwy culverts & 10-extension on Kougarok Hwy	\$71.0	Nome	39-T
61	Tazlina Airport Dust Palliative	Apply dust palliative to Tazlina airport.	\$60.0		6-C
62	Wolverine Road Asphalt Repair	Mill and pave Wolverine Road, MP 0 to 2.5	\$678.0	Palmer	11
63	Area-Wide Asphalt Repair	Spot repairs to various paved roads	\$750.0	SE	Various

DOTP&F Highways, Bridges, Runways, Airports, and Harbors Deferred Maintenance

FY2020 Request: \$5,000,000
Reference No: 62620

Dept. Priority	Project Title	Project Description	Est Prj. Cost	Location (City)	House District
64	Denali Hwy Gravel Resurfacing	Resurface gravel road with 6" C-1 modified. Place dust palliative. MP 28-42	\$3,340.0	Paxson	6-C, 9-E
65	Homer Airport Shoulder Repair	Place asphalt to protect runway and taxiway shoulders.	\$100.0	Peninsula District	31
66	North Fork Road Repair	Mile 3.3 to 8.4: Both lanes, grind and pave. Center Line Miles 5.1 - Width 24'	\$2,040.0	Homer	31
67	Angoon - Kootznahoo Highway Brush Cutting	Area wide vegetation management	\$20.0	Angoon	5-C
68	Dalton Hwy Undulation repair	Many areas throughout this section have settled slowing traffic and creating hazardous conditions. MP 37-49	\$150.0	7-mile	6-C
69	Region-Wide Airport Fence & Gate Repair	Repair, replace damaged areas of fence; add fencing to increase security and to prevent wildlife incursions; remove, replace or add gates.	\$300.0	Central Region	
70	Klawock Area Wide Brushing	Area wide brush cutting along Hwys.	\$80.0	Klawock	5-C
71	Old Steese Hwy Culvert Replacement	Replace culverts as needed on the Old Steese Hwy. The road has settled so much that existing culverts are no longer useful. Needed to re-establish drainage.	\$200.0	Fairbanks	4-B
72	Clark Road Asphalt Repair	Mill and pave Clark Road	\$67.0	Palmer	11
73	Juneau Area-wide Vegetation Management	Area wide vegetation management	\$70.0	Juneau	3-B
74	Mission Road Resurface	Reclaim and Pave Mission Road. Road is well part its useful life and is in need of serious repairs.	\$650.0	North Pole	3-B
75	Peninsula Airport Tie Down Improvement	Install tie down points at general aviation ramps to improve security of parked aircraft.	\$30.0	Peninsula District	29, 30
76	Hyder Salmon River Road Brush Cutting	Salmon River Road brush cutting MP 0-12.0	\$50.0	Hyder	5-C
77	Strawberry Road Repair	Grind and Pave. Culvert replacement at MP .2. Center Line Miles 1.3 - Width 26'	\$500.0	Soldotna	31
78	North Tongass Highway Brush Cutting	Cut vegetation MP 0-14	\$20.0	Ketchikan	1-A
79	Rural Airports - Surface Repairs	Shoulder repair, longitudinal cracking in runway, safety areas and ramps at 10 Western airports	\$450.0		37-S, 39-T, 40-T
80	South Tongass Highway Brush Cutting	Cut vegetation MP 2.6-15.5	\$20.0	Ketchikan	1-A

DOTP&F Highways, Bridges, Runways, Airports, and Harbors Deferred Maintenance

FY2020 Request: \$5,000,000
Reference No: 62620

Dept. Priority	Project Title	Project Description	Est Prj. Cost	Location (City)	House District
81	Skagway Area Wide Brush Cutting	Area wide brush cutting	\$20.0	Skagway	5-C
82	Skagway Area Wide Brush Cutting	cut brush with an excavator on Hwys in Skagway	\$70.0	Skagway	5-C
83	Brush cutting AK pen hwy	Cut vegetation on AK Pen Hwy	\$30.0	King Salmon	37-S
84	Kodiak Area-wide Vegetation Management	Area wide vegetation management	\$70.0	Kodiak	36-R
85	Peninsula Airport Dust Palliative	Apply dust palliative to control dust and harden the runway surface.	\$150.0	Peninsula District	29, 31, 32
86	Interior Airport Brush Cutting	This project will consist of performing clearing work at Rampart, Kaltag, and Birch Creek.	\$350.0		6-C, 39-T
87	Anton Larson Road Gravel Surfacing	Gravel lift 3-12	\$4,500.0	Kodiak	36-R
88	Kachemak Dr. - Mile 0.0 to 3.6 Repair	Mile 0.0 to 3.6: Both lanes, grind and pave. Center Line Miles 3.6 - Width 24'	\$3,150.0	Homer	31
89	Fuel Storage Tank Upgrades	Replace 26 aging combination heating/equipment fuel storage tanks at various rural Western airports	\$1,560.0		37-S, 39-T, 40-T
90	Dalton Hwy Highfloat	Short grade raises and repairs to the high float surface due to subsidence of embankment MP 355-360	\$750.0	Coldfoot	40-T
91	Teller Highway Improvements	Replace 2 culverts & raise grade on road for ice & flooding problems. Resurface with modified C-1 or use Fahr crusher MP 16.5-19	\$275.0	Nome	39-T
92	Brock Rd Resurface	Reclaim and Pave Brock Rd. Surface is failing due to age.	\$850.0	North Pole	3-B
93	Peninsula Airport Dust Palliative	Apply dust palliative to control dust and harden the runway surface.	\$150.0	Peninsula District	29, 31, 32
94	Denali Hwy Culvert Repair	Install and replace culverts at multiple locations from MP 60 to 135	\$500.0	Cantwell	6-C, 9-E
95	Muldoon Road Asphalt Spot Repair	Intermittent mill & pave from 36th to JBER Gate, 8 lane miles	\$2,200.0	Anchorage	15, 27
96	Elliott Hwy Ditch Leveling and Cleaning.	Need to clean and level ditches in various spots from MP 12 to 28 due to permafrost thaw causing standing water along road with no way to drain away from road embankment.	\$125.0	Central	6-C
97	Chuathbaluk Airport Access Road Repair	Rehabilitate airport access road.	\$300.0	Chuathbaluk	38
98	King Salmon Guard rail repair	Repair Guard rail eskimo ck, king salmon	\$45.0	King Salmon	37-S

DOTP&F Highways, Bridges, Runways, Airports, and Harbors Deferred Maintenance

FY2020 Request: \$5,000,000
Reference No: 62620

Dept. Priority	Project Title	Project Description	Est Prj. Cost	Location (City)	House District
		ck, paul's ck bridge			
99	Kodiak Guardrail repairs	Clean under and repair guardrail on Rezanof Dr. mile points 0 – 13.75, Chiniak Highway mile points 5 – 21.1, 21.1 – 31.8, Pasagshak Rd mile points 0 – 11.9, Monashka Bay Rd mile points 2.4 - 7.2, Otmaloi, Sawmill Circle and Lakeview roads	\$150.0	Kodiak	36-R
100	Airport stockpiles	Provide D-1 aggregate stockpiles at various airports needing attention: include Noorvik, Kobuk, Deering, St Mary's, Marshall, Elim and other airports as needed.	\$150.0		
101	Western Airport Brush-Cutting	Brush cutting at various Western airports – to improve aviation safety: airports needing attention include Shungnak, Kiana, Selawik, Noatak, Dahl Creek, St. Mary's, Nunam Iqua, Emmonak, and Kobuk.	\$40.0		39-T, 40-T
102	Dalton Hwy Highfloat	Grind, level, and repave this section of highway, which continues to fail causing unsafe driving conditions. MP 156-175	\$1,140.0	Coldfoot	40-T
103	Region-Wide Bridge Repair	Repair deficient bridge decks, railing, and structures to correct deficiencies and prolong life of the bridge.	\$500.0	Central Region	
104	Nabesna Road Resurface 2	Resurface gravel road with C-1 modified MP 25-35	\$250.0	Slana	6-C
105	Ludecker Rd. Resurface	Reclaim and Pave. Existing chip seal is aged and breaking up.	\$200.0	Fairbanks	5-C
106	Steese Hwy Culvert Replacement	Replace approximately 60 - 24" culverts along this section due to road settlement and damage. MP 122 - 155	\$300.0		1-A, 2-A, 3-B, 4-B, 5-C, 6-C
107	Old Richardson Hwy Chip Seal	Double Chip seal the Old Richardson Hwy from Stringer Rd to the end of maintenance area, approx. 9,800'. Increased traffic from residents has driven the maintenance costs up. Chipping the surface would eliminate the amount of maintenance currently required and reduce dust control problems.	\$400.0	Fairbanks	3-B
108	Region-wide Lighting Repairs	This project will consist of performing a lighting system check and replacement of or repair of existing Lights.	\$350.0	Central Region	
109	Ditch cleaning	Ditching Otmaloi, Sawmill Circle and	\$75.0	Kodiak	36-R

DOTP&F Highways, Bridges, Runways, Airports, and Harbors Deferred Maintenance

FY2020 Request: \$5,000,000
Reference No: 62620

Dept. Priority	Project Title	Project Description	Est Prj. Cost	Location (City)	House District
	Otmaloi, Sawmill Circle and Lakeview roads	Lakeview roads			
110	KAK PEN Hwy shoulder maint.	Shoulder gravel mile 1-5 AK pen hwy	\$50.0	King Salmon	37-S
111	District Wide Bridge Maintain ace	Maintain bridges district wide in accordance with bridge report recommendations	\$100.0	SR	
112	Chitina Dust Palliative	Apply dust palliative to existing surface aggregate	\$75.0		6-C
113	Dalton Highway Brush Cutting	Cut brush to improve sight distance and reduce snow drifting. MP 28-99.6	\$150.0	7-mile	6-C
114	Dalton Hwy Brush Cutting	Cut brush to improve sight distance and reduce snow drifting. MP 100 - 156	\$168.0	Jim River	6-C
			\$50,051.0		

Municipal Harbor Facility Grant Fund Projects

FY2020 Request: \$5,000,000
Reference No: 49780

AP/AL: Appropriation **Project Type:** Construction
Category: Transportation
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Judy Chapman
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-6971

Brief Summary and Statement of Need:

As directed by the Legislature in 1986, the department began to transfer state owned harbor facilities, whenever possible, to local municipalities in order to maximize local governance. Since then, 78 harbors have been transferred. AS 29.60.800 created a program to provide state financial and economic assistance to a municipality with one of more harbor facilities by making available a 50/50 matching state grant, and it established a priority preference process for previously stated owned harbors, i.e. Tier I harbors. Tier II harbors are harbors, which were locally built and were never owned by the state. This year's request would fund the Tier I and Tier II harbor grant requests.

Funding:	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Total</u>
1197 AK Cap Inc	\$5,000,000						\$5,000,000
Total:	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec1 Ch19 SLA2018 P10 L18 SB142 \$3,031,105
 Sec1 Ch1 SLA2017 P8 L18 SB23 \$5,000,000
 Sec27(a) Ch2 SLA2016 P43 L11 SB138 \$207,500
 Sec27(b) Ch2 SLA2016 P43 L16 SB138 \$4,400,000
 Sec1 Ch38 SLA2015 P7 L14 SB26 \$4,497,000
 Sec35(b) Ch18 SLA2014 P116 L24 SB119 \$996,046
 Sec35(c) Ch18 SLA2014 P117 L22 SB119 \$2,000,000
 Sec1 Ch18 SLA2014 P64 L13 SB119 \$1,704,000
 Sec1 Ch17 SLA2012 P135 L20 SB160 \$23,093,100

Project Description/Justification:

As directed by the Legislature, the department started in 1986 to transfer state owned harbor facilities, whenever possible, to local municipalities in order to maximize local governance. Since then, 78 harbors have been transferred. AS 29.60.800 created a program to provide state financial and economic assistance to a municipality with one of more harbor facilities by making available a 50/50 matching state grant, and it

Municipal Harbor Facility Grant Fund Projects

FY2020 Request: \$5,000,000

Reference No: 49780

established a priority preference process for previously stated owned harbors, i.e. Tier I harbors. Tier II harbors are harbors, which were locally built and were never owned by the state. This year's request would fund the Tier I and Tier II harbor grant requests.

Project Name	Tier	Legislative District	Total Project Cost	Local Match (50%)	State Match (50%)
City & Borough of Angoon: Small Boat Harbor	I	35	\$2,000,000	\$1,000,000	\$1,000,000
Municipality of Anchorage: South Float	I	20	\$3,908,768	\$1,954,384	\$1,954,384
City & Borough of Juneau: Aurora Harbor Phase 3	II	33	\$4,000,000	\$2,000,000	\$2,000,000
City & Borough of Juneau: Harris Harbor Anodes	II	33	\$250,000	\$125,000	\$125,000
Ketchikan Gateway Borough: Bar Harbor North Ramp 3	II	36	\$1,254,110	\$627,055	\$627,055
City & Borough of Sitka: Eliason Harbor Electrical	II	35	\$3,000,000	\$1,500,000	\$1,500,000
City & Borough of Sitka: Thomsen Harbor Pile Anodes	II	35	\$406,000	\$203,000	\$203,000
			\$14,818,878	\$7,409,439	\$7,409,439

AS 29.60.800 continues to see strong support from the municipalities across the state, from Nome to Unalaska to Kodiak to Juneau. To date, the total amount requested from the state in match totals \$187.1M, which far exceeds the amount of state funds appropriated to date to the harbor grant program. Still the department has been able to award 42 (25 Tier I's and 17 Tier II's) harbor grants to the municipalities. These harbor grants total over \$83.2M in needed local economic assistance, which results in improved marine facilities for the fishing industry and puts Alaskans to work.

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

AP/AL: Appropriation **Project Type:** Equipment / Commodities
Category: Transportation
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Judy Chapman
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-6971

Brief Summary and Statement of Need:

DOTP&F General State Facilities needs for project management, prioritization, and deferred maintenance.

Critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for General State Facilities.

Funding:	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Total</u>
1197 AK Cap Inc	\$2,000,000						\$2,000,000
Total:	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Projects to be completed will be chosen from this Deferred Maintenance Listing in Priority Order.

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
1	Anchorage Aviation HQ - Upgrade Electrical System	Existing electrical system is unsafe in its current configuration. Failure of the transformer could lead to an explosion within the facility. Transformers need	\$520.0	Anchorage	22

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
		to be relocated to outside of building for the safety of its occupants. Configuration does not comply with current electric code.			
2	Dillingham SEF Maintenance Shop - Replace Roof	Existing roof leaks and lacks adequate insulation. Needs to be replaced to prevent further damage to structure and save heating costs.	\$205.0	Dillingham	37S
3	Kodiak Court Building Roofing Replacement	Roofing has exceeded its life expectancy and needs replacing	\$250.0	Kodiak	32
4	Sitka ARFF and M&O Siding Replacement	Sitka ARFF and M&O Building siding is corroding and needs to be replaced. Failing overhead doors also need replacement.	\$500.0	Sitka	35-R
5	Sitka Airport Lighting Regulator Building - Exterior Repairs	Replace roofing, repair siding, and replace corroded exterior electrical switch boxes.	\$100.0	Sitka	35-R
6	Seven Mile M&O Shop Trench Drain	Remove and replace existing trench drain. The existing concrete and steel has become extremely corroded and is a tripping hazard in numerous places along the grating. Eventually, it will deteriorate and fail to support equipment.	\$50.0	Juneau	34-Q
7	Ketchikan M&O Replace Shop Roof	Ketchikan M&O shop roof leaks. It is an old facility and repairs to the roof will be less effective as the building continues to age.	\$80.0	Ketchikan	32P
8	Bethel SEF Maintenance Garage - Replace Roof	Existing roof is very old and lacks insulation. We wish to install a new energy efficient roof to save costly heating fuel.	\$235.0	Bethel	38S
9	Anchorage	Replace old leaky roof with	\$275.0	Anchorage	22

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	Sign Shop - Replace Roof and Insulation	new roofing materials and install additional insulation to improve the energy efficiency of this old structure			
10	North Kenai Maintenance Station - Replace Siding	Existing siding is very old and lack insulation. We wish to install new sandwiched foam metal panels to improve the energy efficiency of this structure and save on utility costs	\$150.0	North Kenai	29O
11	Anchorage Chemical Storage Building - Roof and Siding Replacement	Existing metal roof and siding have deteriorated and leak. Need to replace with finishes that are more corrosion resistant.	\$200.0	Anchorage	22
12	Kodiak Court - Replace Siding and Windows	Existing siding is deteriorated and leaks, windows are inefficient and allow tremendous heat loss. Upgrade to new thermopane windows and insulated siding to save on utility costs	\$325.0	Kodiak	32P
13	Replace/Re renovate Diesel Generators and Electrical Distribution at Livengood Station.	Replace existing generators and power distribution with larger updated units. Current generators will not carry full camp load during wintertime demands without load shedding actions. Existing power distribution is failing and inadequate.	\$500.0	Livengood Station	6C
14	McGrath SREB - Replace Roofing and Siding	Existing roof and siding is very old and lacks insulation. We wish to install a new energy efficient roof and siding to save costly heating fuel.	\$250.0	McGrath	37S
15	Illiamna SREB - Replace Roofing and Siding	Existing roof and siding is very old and lacks insulation. We wish to install a new energy efficient roof and siding to save costly heating fuel.	\$225.0	Illiamna	37S
16	Renew,	The current SEF shop and	\$200.0	Nome	39T

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	Repair, Refurbish Nome Complex Buildings	cold storage huts need electrical/lighting upgrades, interior wall improvements for better storage needs, concrete approaches, siding/roofing replacement and/or painting, exterior loading dock replacement, and interior painting.		Complex	
17	Bethel SRE Building - Replace Roof and Siding	Existing roof and siding is very old and has little insulation, new energy efficient roofing and siding to save costly heating fuel.	\$250.0	Bethel	38S
18	Cold Bay Warm Storage - Replace Roof, Siding, and Overhead Doors	Existing roof and siding is deteriorated and leaks, Doors are inefficient and allow tremendous heat loss. Upgrade to new insulated doors and insulated siding to save on utility costs	\$250.0	Cold Bay	37S
19	Replace Peger Complex Supply Building Roof	This roof is in poor condition and requires patching several times every year. Add fall protection system anchors.	\$325.0	Peger Complex Supply Building	1A
20	Replace Peger Maintenance Building Roof	Replace aging roof that has periodic leaks. Replace the existing roofing material with EPDM and increase the ceiling R-value to R-50 or better.	\$520.0	Peger Complex	1A
21	Replace Fairbanks SEF Overhead Crane	Current cranes (2 each 7.5 ton) are over 30 years old, parts are no longer available. Functionality and fine control is deteriorating.	\$82.0	Fairbanks SEF Shop Building	1A
22	Replace Siding at Cantwell Station	The existing siding on the shop is an EIFS system that has been damaged in several areas. The siding is coming loose from the substrate and repair would be cost prohibited. The new metal siding would be low maintenance and simpler to repair if necessary.	\$250.0	Cantwell Station	6C
23	Update	The backup power	\$1,250.0	Tazlina	6C

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	and install backup power throughout the Tazlina District Maintenance Stations	generator in Ernestine is a 1964 model diesel unit that is failing and nearly impossible to find parts for. During the winter of FY18 during a major winter event, the camp lost power due to the generator not operating correctly. The unit needs updated to something more modern that can be supported by a vendor. Neither Nelchina or Tazlina camps have backup power, in order to insure that road maintenance is possible during all winter events, both camps need back up power installed to support the road maintenance mission.		Station	
24	Anchorage Aviation Building - Replace Roof	Roof membrane has surpassed its life expectancy. Leaks and needs replacement	\$1,200.0	Anchorage	22
25	Northern Region Asbestos Abatement	The average age of NR buildings is 35 years old. Any building constructed prior to 1981 has Asbestos materials throughout. Mastic was used to secure vinyl flooring and carpeting. Asbestos was prevalent in ceiling tiles drywall board, roofing materials and cement board siding. Testing and abatement need to be prioritized in all older buildings.	\$375.0	Peger SEF Complex Floors	1A
26	Central Region - Hazardous Materials Assessment/Abatement	OSHA is requiring assessments of Hazardous Materials in all occupied State facilities constructed prior to 1980.	\$375.0	Region Wide	
27	Yakutat Maintenance Station	Roof edge access is too high to be utilized and there are no safety tie-offs to	\$175.0	Yakutat	32-P

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	- Roof Access, Safety Tie-off, and Exterior Siding Repairs	permit access. Clerestory windows have leaked since the building was commissioned. Exhaust stack cap blew off and cannot be replaced without safe access. Work would require installation of ladder ways and pathways.			
28	Talkeetna SREB - Install New Floor Drain System	Existing Drain system has deteriorated and no longer functions	\$75.0	Talkeetna	10E
29	Talkeetna SREB - Replace Boiler and HVAC System	Existing boiler has exceeded its life expectancy.	\$120.0	Talkeetna	10E
31	Renew, Repair & Renovate Saint Mary's A/P Complex	Many maintenance issues have been deferred over the years due to lack of district resources and onsite maintenance personnel. Logistics and budget prevented frequent maintenance. Need to replace all t12 lighting in all buildings with LED/ t5/t8 fixtures to improve lighting efficiencies (a total of 33 t12 fixtures). Install lighted exit signs on all required exits, relocate and wire in new fuel tanks, install electric heater in generator module, install new electrical mast at the Town shop, repair leaking SREB roof, clean water holding tank (black inside), fix sewage lagoon fencing, realign sewer drain to lagoon, replace two Plexiglas windows in SEF shop, demolish and dispose of old sand storage shed, general cleanup of complex and in town shop. The SREB bathroom needs to be refurbished. The SEF shop will have water	\$200.0	Saint Mary's A/P	39T

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
		supplied to the shop for a sink and bathroom, and to replace a man-door and the windows. About 2 dozen old fuel tanks ranging in size from 500gal to 10,000gal need to be disposed of too. The NR Regional Roving Crew will be utilized to perform this work. The PCNs on this crew are funded by 100% Capital Receipt Authority.			
32	Renew Paint on Western Rural Airport SREBs	Many rural airports in the Western District need to be scraped and repainted to preserve the buildings. This is logistically intensive due to the fly-in only access to the facilities.	\$220.0	NR Rural Airports - Western District	6C, 39T, 40T
33	Renew Paint on Interior Rural Airport SREBs	Many rural airports in the Interior District need to be scraped and repainted to preserve the buildings. This is logistically intensive due to the fly-in only access to the facilities.	\$220.0	NR Rural Airports - Interior District	6C
34	Gustavus Maintenance Shop - Door Installation	Install 2 new doors in equipment storage area.	\$50.0	Gustavus	33-Q
35	Dutch Harbor Storage Facility - Repair Concrete Roof	Roof leaks excessively causing safety concerns with electrical panels. Needs drains (scuppers) installed and new membrane	\$350.0	Dutch Harbor	37S
36	Skagway Avalanche Shed - Sectional Door Replacement	Install a new sectional door as the old door has become unserviceable.	\$25.0	Skagway	32
37	Palmer Highways/SEF Maintenance Station Seal Roof	Roof has some leaks and needs to be resealed.	\$85.0	Palmer	8

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
38	Ketchikan M&O Replace Doors on Cold Storage Shed	Ketchikan M&O needs new doors on the cold storage shed. The present sliding doors are wearing out and becoming a safety issue.	\$80.0	Ketchikan	36R
39	Electrical System Upgrade at Thompson Pass	Original construction electrical system in the Shop and Bunkhouse needs to be upgraded to current electrical code including the diesel generator backup. Although compliant during original construction, significant safety features and a higher level of safety for our employees will result.	\$350.0	Thompson Pass	9E
40	Anchorage Aviation Building - Replace Concrete Sidewalk and Stairs	Existing sidewalks and stairs are cracked and have potholes creating hazardous conditions for visiting patrons and employees	\$55.0	Anchorage	21K
41	Kodiak Griffin Building - Renovate 1st Floor Office Areas/Res rooms	Substandard leased space without ADA compliance.	\$125.0	Kodiak	35
42	Kenai Combined Facility Boiler Replacement	Existing Boiler has exceeded its life expectancy and needs to be replaced.	\$50.0	Kenai	30
43	Region Wide (Southcoast) Lighting Upgrade	Replace inefficient lighting with T8 and LED lighting.	\$100.0	Region Wide	32-P, 33-Q, 34-Q, 35-R, 36-R
45	Kodiak Griffin Building - Install Drop Ceiling	Ceilings need to be installed to provide more energy efficient lighting and to improve the appearance of the facility.	\$97.0	Kodiak	32P

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	and New lighting				
46	Seven Mile SER Complex - Ventilation Improvement	Replace restroom exhaust ventilator to improve indoor air quality. Install new exhaust system for 1st and 2nd floor copy rooms to reduce heat buildup in the building.	\$45.0	Juneau	34-Q
47	Replace Tazlina HQ Building Siding	The project will wrap the building with 2 inches of rigid foam (R-Value=10) and install metal siding for a cost efficiency upgrade. This will eliminate future sand blasting and painting by installing a maintenance free exterior with significant fuel oil savings.	\$85.0	Tazlina	6C
48	Anchorage Highways Maintenance Building - Install Backup Generator	Building has no back-up power in this mission essential facility.	\$120.0	Anchorage	20
49	Soldotna Highway Maintenance Station - Install Back-up Generator	Critical Highway Maintenance Station has no back-up power. This generator will provide the needed redundancy in case of emergency power outage.	\$125.0	Soldotna	30O
50	Seven Mile SER Complex -HVAC Major Maintenance and Upgrade	Clean ducts in entire building, rebalance, and repair system for efficient operation and lower operating costs. This project will increase productivity and improve indoor air quality for health/life safety.	\$150.0	Juneau	34-Q
51	Region Wide M&O Maintenance Bldg Office Floor Covering Replacement	Floor finishes are wearing out and need replacement before they become a safety hazard.	\$85.0	Region Wide	32-P, 33-Q, 34-Q, 35-R, 36-R
52	Kalsin Bay	Replace faulty septic and	\$140.0	Kalsin Bay	32P

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	Maintenance Building - Replace Septic and Leach Field	leach field with new code compliant septic and drainage system			
53	Replace Paxson Bunkhouse	Paxson Maintenance Station has a 60's era trailer that serves as a bunkhouse. It has been added on to over the years to add living space. It has structural issues and wiring from the 60's that we cannot verify is safe. There is another building that acts as a mechanical room that provides heat to this bunkhouse and another bunkhouse adjacent to it. The project will combine 3 buildings into one usable space with all mechanical room needs within a single building as well. This will save operating costs of 1 building vs 3 separate buildings as well as give our personnel a safe livable environment to work in.	\$1,000.0	Paxson Maintenance Station	6C
55	Cold Bay Employee Housing - Seal Concrete Foundations	Foundations leak and need to be sealed to prevent water damage to personal belongings and mold infiltration.	\$125.0	Cold Bay	37S
56	Kodiak Courthouse - Install Direct Digital Controls on Heat/cooling system	The installation of digital controls would allow evening setbacks, and better control of both heating and cooling systems. This upgrade would save energy and increase occupant comfort.	\$75.0	Kodiak	32P
57	Kodiak Regional Office - Install new	The installation of digital controls would allow evening setbacks, and better control of both	\$50.0	Kodiak	32P

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	Direct Digital Controls	heating and cooling systems. This upgrade would save energy and increase occupant comfort.			
58	Anchorage Annex - Install AC	Building lacks any cooling capability, needs AC to allow additional cooling for occupant comfort	\$140.0	Anchorage	22
59	Repair & Renew Security Fence/Gates at Peger Road	3,700 feet of the existing security fence fabric and posts are in poor shape. Original complex fence has posts that are bent, broken, or missing. In places, the fence fabric is damaged and some of the gates need replacement.	\$94.6	Peger Complex	1A
60	Renovate Tazlina SEF Steel Storage Rack	Install a roof over the Tazlina S.E.F. steel storage rack. The rack is uncovered and leads to problems with rusty metal, causing project time to run longer because extensive cleaning is necessary. The roof would reduce wasted labor time, ease of finding inventory, and less loss of product. These issues would disappear with a cover over their steel rack.	\$47.0	Tazlina Station	6C
61	North Kenai Maintenance Station - Install Electronic Security Gate	Yard is not secure and we have experienced thefts of State Property.	\$45.0	North Kenai	300
62	Renovate Healy Maintenance Station - Hydronic Heat Conversion	Convert shop to more efficient hydronic heat and eliminate multiple hot air furnaces. This project will increase fuel efficiency and reduce maintenance costs. Project requires construction of a new 12'x24' mechanical room separate from the existing shop due to space considerations. The shop cannot afford to lose any	\$252.0	Healy Station	6C

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
		more space.			
63	Region Wide (Central) - Construct Refueling Stations from Concrete	EPA requires fueling activities to be conducted on an impervious surface. Need to install concrete fueling pads	\$175.0	Region Wide	
64	Renew Peger Admin Building Ducts by Cleaning	This maintenance housekeeping item is overdue. Improved HVAC efficiency with reduced dust in the air is expected.	\$64.0	Peger Complex	1A
65	Anchorage Communications Building - DDC Upgrades	HVAC systems controls needs upgrade to better heat and cool the facility. Many critical communications system depend on proper cooling in this facility.	\$50.0	Anchorage	20
66	Central Region Maintenance Shops/Weigh Stations	Several Shops/Weigh Stations have nonpotable water supply need new wells and/or filtration systems	\$425.0	Glenn, Potter, Silvertip.	22, 28
68	Replace Peger Complex Windows	Many of the existing windows are single pane with storm panes and have very low R-values. They have high maintenance wood frames, and worn out operating mechanisms. New windows will have much higher R-value and low maintenance plastic or fiberglass frames. Maintenance building, Tech Services, Supply, Materials, and SEF.	\$152.0	Peger Complex	1A
69	Anchorage Annex - Install Parking Lot Lights	Parking Lot has inadequate lighting and is hazardous to public and employees	\$40.0	Anchorage	22
70	Replace Rural A/P Building Lighting	Due to the high cost of electricity in rural areas, replacing the existing lighting with LED will save	\$660.0	Region Wide	6C, 39T, 40T

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	with LED Lights	70% on lighting costs. Also the existing metal halide or high-pressure sodium lighting have poor color rendering, long warm up and re-strike time and short lifespans relative to LED, which reduces maintenance. The result is better lighting to support operations with electric costs cut more than in half. Payback estimated at seven years, which is longer than typical for LED due to rural airport logistical costs. Per A/P cost: \$6,000 materials, \$2,500 in-house labor, \$1,500 travel, per diem & shipping.			
71	Region Wide (Central) - Decommission USTs	Numerous USTs need to be removed from service, tested, excavated or abandoned in place	\$300.0	Region Wide	
72	Renovate - Tazlina Station Sand Storage Building for Salt Storage	Tazlina now has no salt storage; an addition to the existing sand shed would allow M&O better results with snow and ice control. Tazlina is also the district hub and all 6 camps would benefit with the salt storage. Tazlina now struggles with tarps and timbers in an attempt to store salt. A 50X50 addition to the existing sand shed is needed.	\$120.0	Tazlina Station	6C
73	Cascade Warm Storage - Replace Siding and Windows	Existing siding is deteriorated and leaks, windows are inefficient and allow tremendous heat loss. Upgrade to new thermopane windows and insulated siding to save on utility costs	\$110.0	Cascade	9E
74	Kenai Combined Facility - Remove Asbestos	Restroom require renovation and there is asbestos in the adhesives holding the tile on the walls, all asbestos needs to be	\$25.0	Kenai	300

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	in 2 Restrooms	abated before work can begin			
75	Adak Maintenance Station - Replace Siding	Existing siding is very corroded and leaks. Siding panels have become loose and can no longer be secured thus creating a hazard to airfield operations.	\$255.0	Adak	
76	Kodiak Court - Install Drop Ceiling and New Lighting	Install Drop ceiling and lighting in remaining area that did not get previously upgraded	\$120.0	Kodiak	32P
77	Aniak Maintenance Shop - Roof Replacement	Roof is extremely old and leaks excessively	\$175.0	Aniak	38S
78	Chenega Bay SREB - Construct Crew Shelter	There are no commercial or state lodging available at this remote airport. Provide a suitable shelter for maintenance crews to stay while servicing equipment of facilities.	\$37.0	Chenega Bay	32P
79	Anchorage Annex - Replace Water Lines with New Copper Lines	Replace existing corroded iron pipes with copper.	\$32.0	Anchorage	22
80	Kodiak Courthouse - Upgrade Ventilation System	Many office areas lack sufficient ventilation for occupant comfort. This upgrade would revamp the existing system to provide additional cooling to other office areas.	\$156.0	Kodiak	32P
81	Kodiak Griffin Building - HVAC System Control Upgrade	HVAC system controls needs upgrade to better heat and cool the facility. Many critical communication systems depend on proper cooling in this facility.	\$125.0	Kodiak	32P
82	Anchorage	Existing Bi-fold doors are	\$300.0	Anchorage	22

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	Drillers Shop - Replace 18 bifold doors	uninsulated and do not seal properly. We are experiencing tremendous heat loss in the building.			
83	Anchorage Highway Maintenance Station - Abate Asbestos	There is asbestos throughout the facility that needs to be removed.	\$125.0	Anchorage	22
84	Palmer Warm Storage - Replace Roofing and Siding	Existing roof and siding is very old and has little insulation, new energy efficient roofing and siding will save lots in utility costs.	\$165.0	Palmer	11F
85	Seven Mile SER Complex - 2nd Floor Ceiling Tile Replacement	Replace poor quality ceiling tile for acoustical and lighting improvement. This will increase occupant productivity.	\$40.0	Juneau	34-Q
86	Kenai Combined Facility - Repave parking lot	Parking lot has deteriorated and has potholes, cracks and ruts. Needs new asphalt and curbs to provide a safe surface for visitors and employees.	\$165.0	Kenai	300
87	Kodiak Regional Office - Repair Parking Lot	Pave parking area, existing lot is cracked and potholed	\$300.0	Kodiak	32P
88	Kodiak SEF Maintenance Shop - Install Security Fence	Install security fence around DOT&PF Complex for safety and security.	\$175.0	Kodiak	32P
89	Anchorage Public Safety - Repave Parking Lot	Existing Parking lot has deteriorated and has cracks and pot holes	\$520.0	Anchorage	20
90	Tudor Complex -	Existing pavement has deteriorated and become	\$1,000.0	Anchorage	22

DOTP&F General State Facilities

FY2020 Request: \$2,000,000
Reference No: 62645

Dept. Priority	Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
	Repave Yard	irreparable. Hugh potholes, cracks and crumble asphalt litter the complex.			
91	Chenega Bay SREB - Install Restroom with Septic System and Well	This remote SREB needs a restroom with EPA compliant septic system.	\$200.0	Chenega Bay	32P
92	Kalsin Bay Maintenance Building - Pave yard around building	Yard is rutted, muddy, and holds water. Need to regrade and pave the yard.	\$150.0	Kodiak	32P
93	Kodiak SEF Maintenance Shop - Pave Parking Area	Existing yard is poorly graded, gets extremely muddy, and needs resurfaced.	\$182.0	Kodiak	32P
94	Kodiak Airport Equipment Warm Storage - Pave Parking Area	Yard is rutted, muddy, and holds water. Need to regrade and pave the yard.	\$150.0	Kodiak	32P
95	Kodiak Regional Office - Renovate 2nd Floor for Leasing	Office building needs to be reconfigured to meet new State Space Standards and Utilization	\$80.0	Kodiak	32P
96	Dutch Harbor - Remove Asbestos from Hanger Building	Building contains asbestos and is a hazard to employees entering the facility. Asbestos needs to be removed or contained.	\$410.0	Dutch harbor	37S
FACILITY TOTAL:			\$20,880.6		

**University of Alaska Deferred Maintenance, Renovation,
Repair and Equipment**

FY2020 Request: \$9,000,000
Reference No: 45326

AP/AL: Appropriation

Project Type: Deferred Maintenance

Category: University

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Michelle Rizk

Estimated Project Dates: 07/01/2019 - 06/30/2024

Contact Phone: (907)450-8191

Brief Summary and Statement of Need:

The University of Alaska (UA) is responsible for maintaining facilities and infrastructure across the state. UA continues to be good stewards of these valuable assets, while exploring ways to reduce its facilities footprint and long-term operating costs. UA has over 400 facilities, with an average age of 33 years, an inflation-adjusted value of \$3.9 billion, and a deferred maintenance/renewal & repurposing (DM/R&R) backlog in excess of \$1 billion.

Funding:	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Total</u>
1197 AK Cap Inc	\$9,000,000						\$9,000,000
Total:	\$9,000,000	\$0	\$0	\$0	\$0	\$0	\$9,000,000

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

- Sec1 Ch19 SLA2018 P11 L26 SB142 \$2,000,000
- Sec1 Ch1 SLA2017 P19 L21 SB23 \$5,000,000
- Sec1 Ch38 SLA2015 P17 L24 SB26 \$3,000,000
- Sec1 Ch18 SLA2014 P78 L29 SB119 \$12,000,000
- Sec1 Ch18 SLA2014 P78 L32 SB119 \$2,503,000
- Sec1 Ch18 SLA2014 P79 L4 SB119 \$4,270,000
- Sec1 Ch18 SLA2014 P79 L7 SB119 \$500,000
- Sec1 Ch16 SLA2013 P97 L24 SB18 \$30,000,000
- Sec1 Ch17 SLA2012 P152 L3 SB160 \$450,000
- Sec1 Ch17 SLA2012 P152 L10 SB160 \$37,500,000
- Sec1 Ch5 SLA2011 P117 L30 SB46 \$2,000,000
- Sec1 Ch5 SLA2011 P118 L18 SB46 \$87,500,000
- Sec4 Ch43 SLA2010 P14 L18 SB230 \$37,500,000
- Sec1 Ch15 SLA2009 P37 L4 SB75 \$3,200,000

**Project Description/Justification:
University of Alaska**

**FY2020 Priority Deferred Maintenance (DM) and Renewal and Repurposing (R&R) Projects
State Appropriations (in thousands of \$)**

The University of Alaska (UA) is responsible for maintaining facilities and infrastructure across the state. UA continues to be good stewards of these valuable assets, while exploring ways to reduce its facilities footprint and long-term operating costs. UA has over 400 facilities, with an average age of 33 years, an inflation-adjusted value of \$3.9 billion, and a deferred maintenance/renewal & repurposing (DM/R&R) backlog in excess of \$1 billion. UA requests \$50 million in FY2020 for deferred maintenance/renewal & repurposing as follows:

- UAA Main Campus 13,100.0*
- UAA Community Campuses 3,100.0*
- UAF Main Campus 28,000.0*
- UAF Community Campuses 2,500.0*
- UAS Main & Community Campuses 3,000.0*
- SW Statewide 300.0*

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

UAA Main Campus

Priority	Project Title	Projected Cost	Location	HD
1	Regulatory Compliance, Safety Improvements, and Code Upgrades	\$1,000.0	Anchorage	17-I
2	Campus Building Envelope & Roof Systems Renewal	\$1,000.0	Anchorage	17-I
3	Campus Exterior Infrastructure and Signage Renewal	\$1,300.0	Anchorage	17-I
4	Campus Building Interior & Systems Renewal	\$1,745.0	Anchorage	17-I
5	Consortium Library Old Core Mechanical Upgrades	\$5,530.0	Anchorage	17-I
6	EM1 and EM2 Mechanical	\$525.0	Anchorage	17-I
7	Campus Access/Security Modernization Phase 1	\$2,000.0	Anchorage	17-I

UAA Regulatory Compliance, Safety Improvements, and Code Upgrades

(GF: \$1,000.0, NGF: \$0.0, Total: \$1,000.0)

UAA requires significant and ongoing investment in existing buildings to maintain them for safe occupancy in compliance with regulation, code and safety improvements. One priority target for these funds is the replacement of expired Tritium Emergency Exit signs across campus with LED Emergency Exit signs. This effort impacts almost all of our existing facilities, and improves safety for all community members accessing UAA's campus.

UAA Campus Building Envelope & Roof Systems Renewal

**University of Alaska Deferred Maintenance, Renovation,
Repair and Equipment**

FY2020 Request: \$9,000,000
Reference No: 45326

(GF: \$1,000.0, NGF: \$0.0, Total: \$1,000.0)

This project will address campus-wide deferred maintenance and renewal and renovation requirements for building envelope and roof systems. It will include roof repair and replacement, doors, windows, vapor barriers, siding, weatherization, insulation, and other building envelope issues. One priority project would address the Wells Fargo Sports Complex roof system, which was built in 1977, is beyond its useful life, and is in need of renewal. This facility supports student recreation, Hockey, and other student support services. Another high priority roof is the Cuddy Hall roof, which supports our culinary arts program and holds multiple campus and public events.

UAA Campus Exterior Infrastructure and Signage Renewal

(GF: \$1,300.0, NGF: \$0.0, Total: \$1,300.0)

The UAA campus is over 40 years old and many of the buried utilities, fire hydrants, waterlines, drainage infrastructure, roads, trails, sidewalks, parking areas, curbs and gutters are part of the original construction or have been impacted by construction, repair and renovation projects over the years. The buried piping is beyond its useful life, which has resulted in increased failures primarily on west campus. This has resulted in water shutdowns, building closures, and sinkholes due to corrosion and piping failures. Additionally, the aged surfaces have resulted in uneven surfaces, lack of adequate sidewalks and other deficiencies that pose a safety hazard or are increasingly susceptible to additional damage. The safe, reliable and continued business function dictates the need to upgrade and repair the infrastructure and surfaces to maintain a safe and effective environment for students, staff and the public. Additionally, this project improves the campus user experience by improving upon the wayfinding signage.

UAA Campus Building Interior & Systems Renewal

(GF: \$1,745.0, NGF: \$0.0, Total: \$1,745.0)

Many of the original buildings on the UAA campus were constructed in the early- to mid-1970s and the building systems are beginning to fail, are no longer adequate for the current demands, and require replacement or upgrading. The mechanical, electrical and HVAC systems in particular fall into this category. Replacement parts for many of these systems are no longer available. The older systems are very expensive to operate due to their low efficiencies. Replacement of these systems would allow for increased energy efficiencies and better environmental control throughout the building. This project will replace failing piping, inadequate electrical systems, inefficient lighting, boilers, fans, deficient vav boxes and upgrade the building automation system controls. One of our immediate priorities is the Eugene Short Hall (ESH). ESH is one of our most heavily scheduled classroom facilities on west campus impacting multiple programs, and houses the University Police Department, Parking Services, and the Department of Health, Physical Education & Recreation.

UAA Consortium Library Old Core Mechanical Upgrades

(GF: \$5,530.0, NGF: \$0.0, Total: \$5,530.0)

The original HVAC systems consist, for the most part, of equipment over 46 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. The Library supports all programs on campus, and is a cornerstone of UAA's partnership with Alaska Pacific University.

UAA EM1 and EM2 Mechanical

(GF: \$525.0, NGF: \$0.0, Total: \$525.0)

The energy modules (EM1, EM2) were constructed in 1977 and provide heating and cooling services for a number of campus facilities. The energy module boilers, pumps and piping systems are over 40 years old and have been failing due to age, corrosion and fatigue. Many of these failures have occurred during the winter months when additional stresses are placed on the systems due to increased heating demands and environmental impacts. These failures further impact other systems, thus driving up the associated costs. Emergency repairs are very expensive and have a severe impact on students, faculty and staff working in the buildings served by these modules. EM1 is the current priority, which serves the Wells Fargo Sports Center and the Student Union.

UAA Campus Access/Security Modernization Phase 1

(GF: \$2,000.0, NGF: \$0.0, Total: \$2,000.0)

Concerns raised by faculty and staff based on the rise of active shooter incidents nationwide, prompted a review of the university's ability to secure buildings, classrooms, and other facilities manually or automatically in the event of any incident that would require persons on UAA campuses to shelter-in-place. Initial review of the level of effort involved to upgrade all room entrances with appropriate locking mechanisms and automation revealed a multi-year, multimillion-dollar effort. This project is developed to fully assess the level of effort, design a plan of execution, and implement the first increment of security measures for the highest priority facilities and/or spaces. Follow-on phases will be developed and identified based on the planning and design efforts of this project. This project will support access and security for the entire UAA main campus, impacting all programs and improving safety and access for the entire UAA Community.

UAA Community Campuses

Priority	Project Title	Projected Cost	Location	HD
1	Prince William Sound College Student Housing Reroof (2 Units)	\$196.0	Valdez	9-E
2	Prince William Sound College Campus Renewal	\$181.7	Valdez	9-E
3	Kodiak College Campus Renewal	\$611.7	Kodiak	32-P
4	Matanuska-Susitna College Campus Renewal	\$943.6	Palmer	11-F
5	Kenai Peninsula College Campus Renewal	\$958.0	Soldotna	30-O
6	Prince William Sound College Multipurpose Training Room Reconfiguration	\$150.0	Valdez	9-E
7	Kenai Peninsula - Kachemak Bay Campus Renewal	\$59.0	Homer	31-P

UAA Prince William Sound College Student Housing Reroof (2 Units)

**University of Alaska Deferred Maintenance, Renovation,
Repair and Equipment**

FY2020 Request: \$9,000,000
Reference No: 45326

(GF: \$196.0, NGF: \$0.0, Total: \$196.0)

The three student housing units were originally constructed in 1966 and completely renewed between 2008-2010. Roofing was not completed on two of three student-housing units and these facilities are showing damage from ice damming and resultant leakage. The third building roof was replaced, has a different orientation, and is not showing signs of damage or leakage. In 2014, a professional assessment was complete offering a number of options to rectify the problem. Most of the problem is attributed to the low slope (2:12), lack of correct ventilation, and lack of adequate insulation in the existing building roofs. The most appropriate and permanent solution, but most costly, is to build a 6:12 roof truss system over top of the existing roof and add insulation or potentially replace the roof from the wall top plate up, to include new trusses, decking, insulation and metal roofing appropriate for the heavy snow loads and long winters of Valdez.

UAA Prince William Sound College Campus Renewal

(GF: \$181.7, NGF: \$0.0, Total: \$181.7)

The Growden-Harrison building, housing the majority of Price William Sound Colleges academic programs, was originally built shortly after the 1964 earthquake as an elementary school and was added onto in a piecemeal fashion in the following years. This has resulted in aging mechanical, electrical, HVAC systems that are currently undersized for the facility and part of the system is known to contain asbestos This request prioritizes the replacement of the original building supply piping.

UAA Kodiak College Campus Renewal

(GF: \$611.7, NGF: \$0.0, Total: \$611.7)

The buildings on the Kodiak Campus were constructed in the early to mid-1970's. The original windows suffer from worn seals that cause air infiltration. The mechanical and electrical systems are in need of renewal to meet the increased student demand and increased use of new technology. Roofing repairs are required, specifically for the campus center. Parking lot lighting repair and upgrades are required for improved energy efficiency, security and safety. This is a campus wide effort benefiting a majority of programs offered at the Kodiak College.

UAA Matanuska-Susitna College Campus Renewal

(GF: \$943.6, NGF: \$0.0, Total: \$943.6)

This project will address campus-wide deferred maintenance issues and renewal and renovation requirements for the Mat-Su campus. The buildings on the Mat-Su campus are 15-40 years old and their roofs need to be replaced. With several of MSC's buildings reaching 35-40 years of age, it is prudent to plan for the replacement of building components during the next few years. Boiler systems in this region are an essential component. The boilers range in age from 1979 to 1994, and upgrades (with the oldest first) would allow for greater cost savings through energy efficiency as 80% efficiency boilers would be replaced with 95% efficiency boilers. The original doors and hardware are still in use across the campus with some units being over 40 years old and heavily used. As these units wear, energy leaks are created within the buildings, which increases the cost of operation, and wear on other systems, resulting in an unbalanced environment within the buildings. This project will upgrade the door hardware with access control security, which will resolve the air balancing, improve energy efficiency and provide increased security and safety of our students.

UAA Kenia Peninsula College Campus Renewal

(GF: \$958.0, NGF: \$0.0, Total: \$958.0)

The Kenai River Campus includes four buildings built between 1971 and 1983. Each building is of different quality having been constructed using different construction methods, materials, and energy efficiencies. With the exception of some painting and the Ward building renewal in 2005, the exteriors of these buildings have not been upgraded since they were built.

- A number of roofs are at or have exceeded their life cycle at the Kenai River Campus. Some roofs contain asbestos products, which will require some abatement prior to replacement.

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FY2020 Request: \$9,000,000
Reference No: 45326

- The original methods of construction included single pane windows, door glass, and aluminum store fronts that do not block the cold and increase utility costs and extreme campus-user discomfort during the extreme winters.
- Many of the entrances are not covered and allow the buildup of ice and snow at the critical slip/trip points.
- The air handling equipment and associated ductwork in these buildings cannot supply the quantities of air required by current mechanical standards. The university needs to replace the heat plant and air handling equipment for these facilities prior to a catastrophic failure results in an emergency replacement.

UAA Prince William Sound College Multipurpose Training Room Reconfiguration

(GF: \$150.0, NGF: \$0.0, Total: \$150.0)

To improve space utilization and promote more space flexibility, this project ultimately will renovate the existing space and remove outdated functions that are no longer supported. Additionally, a major priority is the mechanical system, which will be replaced as part of this project. This space will be used by various academic programmatic uses.

UAA Kenai Peninsula College – Kachemak Bay Campus Renewal

(GF: \$59.0, NGF: \$0.0, Total: \$59.0)

A significant portion of the Pioneer Hall campus building was originally built in 1988 as a post office. The roof, mechanical, and electrical systems are original and are in need of updating. This request will continue the renewal of the mechanical systems with updated hydronic piping. This facility provided to the community academic instruction, special interest calls, and vocation/workforce development.

UAF Main Campus

Priority	Project Title	Projected Cost	Location	HD
1	Fairbanks Campus Building Interior & Systems Renewal	\$14,700.0	Fairbanks	5-C
2	Building Envelope & Roof Systems Renewal	\$3,100.0	Fairbanks	5-C
3	Regulatory Compliance	\$4,650.0	Fairbanks	5-C
4	Campus Infrastructure & Sign Renewal (Exterior)	\$6,450.0	Fairbanks	5-C

UAF Fairbanks Campus Building Interior & Systems Renewal

(GF: \$14,700.0, NGF: \$0.0, Total: \$14,700.0)

The interior systems projects address buildings' mechanical, electrical and HVAC systems to increase efficiency and reduce maintenance costs. Due to the age of UAF buildings, most projects have asbestos removal aspects and require upgrades to current codes and standards.

UAF Fairbanks Campus Building Interior & Systems Renewal			
Building Name and Project Title	Year Built	Building Purpose/Function	Estimated Total Project Cost
Bartlett Hall: Plumbing replacement	1970	Student Housing	\$ 9,955,000
Moore Hall: Plumbing replacement	1966	Student Housing	\$ 500,000
Cutler Apartment Complex: Fire alarm compliance upgrades	1985	Student Housing	\$ 995,000
Moore-Bartlett-Skarland (MBS): Fire alarm control panel replacement	1966/70/64	Student Housing	\$ 700,000
Utilities: Six inch water line stabilization		Infrastructure	\$ 150,000
Skarland Hall: Elevator Replacement	1964	Student Housing	\$ 200,000
Campus wide aged restroom renovations: U Park Building	1957	Academic	\$ 250,000
Campus wide aged restroom renovations		Infrastructure	\$ 275,000
Gruening Building: First floor refurbishment	1973	Academic	\$ 350,000
Bunnell Building: First floor refurbishment	1959	Academic	\$ 500,000
Constitution Hall: Elevator concept planning	1955	Student Services	\$ 200,000
Lena Point Juneau Center: Additional restroom installation	2008	Research	\$ 155,000
Administrative Services Building: Interior refurbishment	1985	Administrative	\$ 350,000
Emergency repairs reserve fund			\$ 120,000
		TOTAL	\$ 14,700,000

The descriptions below are the highest priority projects within this request:

Bartlett Hall Plumbing Replacement:

The 48-year-old plumbing in one of UAF’s busiest residence Hall is actively failing and needs to be replaced. Over the last two years, the lateral drain lines running between the fixtures and main drain system failed approximately eleven times, leaking domestic waste onto students from ceilings in both the shower and toilet rooms, and required emergency repairs. Repairs often required that the restrooms and showers be taken off line and unavailable to students living in that Hall. The leaks can only be repaired on approximately 10 percent of the system by selective demolition of the ceiling spaces. Ninety percent of the plumbing is inaccessible, yet is still susceptible to leaks.

This project will completely demolish and replace the failing plumbing lines within Bartlett Hall. During the project, the restrooms will be reconfigured to better meet the needs of today’s students.

Moore Hall Plumbing Replacement:

Moore Hall is 52 years old and has the original plumbing, similar to Bartlett Hall. The plumbing has held up slightly better than Bartlett, but has begun to fail in the last year leaking domestic waste from the ceilings in the restrooms. Already this academic year, the plumbing has failed twice, requiring the facilities to be closed to students for repairs. This project will be similar to the Bartlett project with a complete plumbing replacement. This request will allow design to begin to reveal the full scope of the issue and develop concept plans for replacement.

Cutler Apartment Complex Fire Alarm Compliance Upgrades:

The Cutler Apartment Complex houses up to 240 residents and is the most popular student housing on campus. The fire alarm system for the Complex is not compliant with modern code, as the alarms are not interconnected within each block of apartments. This is a serious safety issue and must be addressed as

soon as possible. The project requires full replacement of the fire alarm control panel, detectors, annunciation, and wiring.

MBS Fire Alarm Control Panel Replacement:

The Moore-Bartlett-Skarland complex houses up to 786 students during the academic year and is used as summer housing for camps and the State Forestry firefighters. The existing Fire Alarm Control Panels (FACP) and associated detectors in the complex are outdated and the manufacturer, Siemens Industries, no longer supports or carries parts for it. Two of the FACPs in the complex have failed this academic year. Because new spare parts are no longer available, replacement parts to keep the residential complex operational were pulled from dwindling stock kept within Facilities Services. This project will replace all the FACPs and detectors in the complex.

UAF Building Envelope & Roof Systems Renewal

(GF: \$3,100.0, NGF: \$0.0, Total: \$3,100.0)

Projects within this category includes roof repairs and replacements, doors, windows, vapor barriers, painting, siding, weatherization, insulation, foundations, and other building envelope issues. High performing building envelopes are critical to protect a building's interior finishes and structural integrity. The following projects address the roofs and windows in UAF's inventory that are in the worst condition.

UAF Building Envelope & Roof Systems Renewal			
Building Name and Project Title	Year Built	Building Purpose/Function	Estimated Total Project Cost
Window replacement at Kodiak	1991	Research	\$ 300,000
Administrative Services Building: Roof replacement	1985	Administrative	\$ 415,000
Cutler Apartment Complex: 400 block roof replacement	1985	Student Housing	\$ 785,000
Eielson Building: Window replacement	1940	Administrative	\$ 1,050,000
Signer's Hall: Window replacement	1931	Administrative	\$ 550,000
		TOTAL	\$ 3,100,000

Window Replacement at Kodiak:

The original, 27 year old, wood framed window system on the southeast side of the Kodiak FITC building has failed, allowing significant water intrusion into the building's wall cavities. Many of the windowsills and much of the interior gypsum board is mildewed and failing. The severe saltwater, wind, and sun exposure has also ruined the exterior wood siding and compromised the exterior thermal envelope on this side of the building. This project will demo this exterior wall and install a new storefront system on the first floor of the building, increasing energy efficiency and protecting the interior finishes and equipment.

Administrative Services Building Roof Replacement:

The Administrative Services building's 33-year-old roof is poorly insulated and not vented. The building experiences severe ice damming and leaks to the interior. The asphalt shingles are worn out. This project will replace the roof with a ventilated asphalt shingle roof system, add insulation to increase energy efficiency and install new gutters.

Cutler Apartment Complex 400 Block Roof Replacement:

The Cutler Apartment complex 400 Block was constructed 33 year ago and has the original roof. The building experiences leaks into student living quarters on a regular basis and has been patched multiple times over the last five years. Some of the roof structural members are rotted due to the on-going leaks. The

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project will replace the roof and failed structural members and increase insulation value. Project also includes demo of clerestories over bathrooms to mitigate mold and mildew issues in each building.

Eielson Building Window Replacement:

The Eielson Building, built in 1940, has the original single pane, double hung wood framed windows. The building is very inefficient and costly to heat because of the window system. Many windowsills are dry rotted from moisture intrusion. Project will replace the 168 exterior windows with energy efficient fiberglass windows.

Signer’s Hall Window Replacement:

Similar to the Eielson Building, Signer’s Hall (built in 1931) has the original single pane, double hung, wood framed windows. The building is very inefficient and costly to heat because of the window system. Many windowsills are dry rotted from moisture intrusion. Project will replace the 53 exterior windows with energy efficient fiberglass windows. Project will also replace the east entry doors with new storefront systems.

UAF Regulatory Compliance

(GF: \$4,650.0, NGF: \$0.0, Total: \$4,650.0)

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

UAF Regulatory Compliance			
Building Name and Project Title	Year Built	Building Purpose/Function	Estimated Total Project Cost
Patty Center: Pool refurbishment (phase 1)	1957	Student Services	\$ 2,000,000
Atkinson Power Plant: Continuous opacity monitoring device replacement for boiler #3	1964	Infrastructure	\$ 650,000
Community & Technical College (CTC): Paint booth renovation	2005	Academic	\$ 2,000,000
		TOTAL	\$ 4,650,000

Patty Pool Refurbishment (phase 1):

Patty Pool is used extensively by the UAF swim team, private Fairbanks area competitive teams, West Valley High School swim team and the public. The pool deck does not have sufficient air supply and exhaust to meet code requirements for adequate air exchange. Maintenance personnel and pool staff maintain a safe environment during pool use through manual monitoring of the indoor air quality and limiting use of the pool. Both processes require additional staffing and operating funds to protect the users of the pool. Work includes replacing the pool deck ventilation system to meet current required number of air exchanges.

Atkinson Power Plant Continuous Opacity Monitoring Device Replacement for Boiler #3

The Continuous Opacity Monitoring (COM) devices are required by the Alaska Department of Environmental Conservation to ensure proper combustion within UAF’s coal fired power plant. COM devices measure the presence and concentration of particulate matter in the power plant’s exhaust system and allow regulatory agencies to determine if the plant is operating within prescribed limits. The COM device for the existing UAF power plant, boiler #3, does not operate properly and must be

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replaced. This project will install a new device and modify the existing stack ducting to meet the installation requirements.

Community & Technical College (CTC) Paint Booth Renovation:

Renovate a portion of the CTC hangar to accommodate a Federal Aviation Authority (FAA) required instructional paint booth. Includes structural modifications, electrical, and mechanical upgrades to the hangar.

UAF Campus Infrastructure & Sign Renewal (Exterior)

(GF: \$6,450.0, NGF: \$0.0, Total: \$6,450.0)

The exterior infrastructure projects address the campus roadways, trails, parking, sidewalks, plazas, outdoor lighting, and utility systems to address safety hazards and improve student life.

UAF Campus Infrastructure & Sign Renewal (Exterior)			
Building Name and Project Title	Year Built	Building Purpose/Function	Estimated Total Project Cost
Utilities sewer upgrade	1972	Student Housing	\$ 2,600,000
Core campus district cooling/heating loop and pedestrian access		Infrastructure	\$ 500,000
Core campus district cooling/heating loop and pedestrian access: Lower campus chilled water supply		Infrastructure	\$ 150,000
West Ridge district chilled water		Infrastructure	\$ 350,000
Moore-Bartlett-Skarland (MBS): Exterior lighting	1966/70/64	Student Housing	\$ 320,000
Pathway Lighting Upgrades		Utilities	\$ 60,000
MEFEC-Septic tank replacement	1979	Infrastructure	\$ 150,000
Elvey Building: Walking deck damage repair	1970	Research	\$ 150,000
modernization		Research	\$ 300,000
Wood Center east entry safety upgrades		Infrastructure	\$ 150,000
Eielson north and south entry repair	1940	Administrative	\$ 75,000
MacLean Inupiat House: ADA ramp repairs	1997	Student Housing	\$ 140,000
Convert feeders from 4KV to 12KV		Utilities	\$ 500,000
Bunnell parking lot head bolt heater outlet replacement	1959	Academic	\$ 500,000
Parking lot repairs		Infrastructure	\$ 100,000
O'Neill Building: Exterior stair replacement	1973	Research	\$ 85,000
Multiple failing fuel tanks replacements across state: Seward Marine Center	1976	Research	\$ 250,000
Multiple failing fuel tanks replacements across state: campus wide fuel tank replacement		Infrastructure	\$ 60,000
Rasmuson Library: Entry snow melt study	1970	Student Services	\$ 10,000
		TOTAL	\$ 6,450,000

The descriptions below are the highest priority projects within this request:

Utilities Sewer upgrade:

The sewer between the Hess Village apartment complex and UAF's main sewer line relies on a lift station to operate. The lift station is original to the complex (constructed in 1972) and is a continual maintenance issue. Project will install a new gravity sewer line from Hess Village lift station to the main line along North Chandalar. Project will eliminate the need for the high maintenance lift station and the long thin-walled steel force main.

Core Campus District Cooling/Heating Loop and Pedestrian Access:

The UAF campus core chilled water distribution system is undersized for the current need. Project will replace (2) 6" chilled water lines under the pedestrian access route between Signer's Hall and the Rasmuson library with (2) 12" lines to meet the heating and cooling demands of core campus. The pedestrian route is crumbling concrete and is a potential tripping hazard. It will be replaced in accordance with the 2014 Campus Core Access Plan.

West Ridge District Chilled Water:

The West Ridge of the UAF campus does not have a complete chilled water system to provide adequate and redundant heating and cooling to the research and statewide facilities or the State of Alaska Virology Lab. This funding will complete the concept level documents and cost estimates for a 3-phased implementation of a district-chilled water system.

Moore-Bartlett-Skarland Exterior Lighting:

The MBS complex is UAF's residence hall for freshman and sophomore students, as well as the Residence Life offices. Access from the designated parking area to the complex is very dark and poses a safety and security issue for students, staff and faculty. The project will replace inadequate exterior lighting and bring up to appropriate levels.

Pathway Lighting Upgrades:

The path and stairway runs up a forested steep hill between the physical plant and the new engineering building and is a popular route for pedestrians to enter campus. It is very dark and a potential safety hazard. The project will install energy efficient with LED fixtures to increase safety.

MEFEC-Septic Tank Replacement:

The critical pumping and electrical equipment within the Matanuska Experiment Farm and Extension Center's sewer system aeration tank is failing. The equipment is located in a wet well and confined space, which poses a hazard to anyone working on it. Additionally, the equipment is required to be explosion proof and it is not. The project will eliminate the hazardous set up by replacing the failing equipment with a new 6,000-gallon septic tank and tie it into the existing leach field.

UAF Community Campuses

Priority	Project Title	Projected Cost	Location	HD
1	Fairbanks Campus Building Interior & Systems Renewal	\$14,700.0	Fairbanks	5-C
2	Building Envelope & Roof Systems Renewal	\$3,100.0	Fairbanks	5-C
3	Regulatory Compliance	\$4,650.0	Fairbanks	5-C
4	Campus Infrastructure & Sign Renewal (Exterior)	\$6,450.0	Fairbanks	5-C

UAF Rural and Community Campus Renewal

(GF: \$1,600.0, NGF: \$0.0, Total: \$1,600.0)

The UAF Rural projects are prioritized to reduce energy costs, ensure reliable distance education, address safety concerns, and reduce expensive unplanned maintenance issues. These projects include College of Rural and Community Development (CRCD) facilities at Bristol Bay Campus, Chukchi Campus, Kuskokwim Campus, Northwest Campus, Interior Alaska Campus, and the Brooks Building. Energy costs in rural Alaska are much higher than in urban areas.

UAF Rural and Community Campus Renewal/CRCD			
Building Name and Project Title	Year Built	Building Purpose/Function	Estimated Total Project Cost
Bristol Bay Campus - Margaret Wood Building: Fire alarm upgrades	2010	Administrative	\$ 235,000
Kuskokwim Campus - Sackett Hall Building: Envelope replacement	1984	Student Housing	\$ 1,050,000
Kuskokwim Campus - Fire alarm system	1995	Student Services & Administrative	\$ 155,000
Kuskokwim Campus - Vocational Tech Building	1980	Academic	\$ 23,500
Rural fuel tanks		Infrastructure	\$ 136,500
		TOTAL	\$ 1,600,000

Bristol Bay Margaret Wood Building Fire Alarm Upgrades:

The fire alarm control panel and detection devices are well past their expected life. In order to comply with current fire life safety code the system needs to be replaced.

Kuskokwim Campus:

Sackett Hall Building Envelope Replacement:

- The thermal envelope system and exterior siding of Sackett Hall is approximately 35 years old and original to the construction of the building. The building is difficult to heat and is energy inefficient due to the leaky envelope. This project will completely replace the siding and thermal envelope to increase energy efficiency and comfort to residential students.

Fire Alarm System:

- The 20-year-old fire alarm system in the heavily frequented Yup'ik Museum, Library and Cultural Center is near the end of its expected service life. This project will replace the fire alarm control panel and detection devices in order to comply with current fire life safety codes.

Vocational Tech Building:

- The building's 1000A Main Electrical Distribution Panel is susceptible to damage from overhead piping. The project will relocate the piping as needed to protect the panel.

Rural Fuel Tanks:

Repaint all rural campus fuel tanks. Fix any code deficiencies associated with the fuel piping from the tanks.

UAS Main & Community Campuses

Priority	Project Title	Projected Cost	Location	HD
1	Novatney Roof replacement	\$500.0	Juneau	34-Q
2	Replace Soboleff ceramics studio overhead door	\$55.0	Juneau	34-Q
3	Banfield Hot Water Tank Replacement	\$50.0	Juneau	34-Q
4	Demolish & Repurpose Fitzgerald House	\$50.0	Juneau	34-Q
5	Pedestrian Guardrail Replacement - Phase 2	\$200.0	Juneau	34-Q
6	Facilities Services Parking Lot Lighting - Phase 1	\$60.0	Juneau	34-Q
7	Pave Facilities Services Parking Lot - Phase 1a	\$50.0	Juneau	34-Q
8	Housing Lodge Fuel Tank Replacement	\$130.0	Juneau	34-Q
9	Egan Library Siding Repair & Paint	\$100.0	Juneau	34-Q
10	Landscape Hendrickson Hill	\$45.0	Juneau	34-Q
11	Technical Education Center Welding Lab Fire Alarm Panel Replacement	\$75.0	Juneau	34-Q
12	Sitka Atrium Skylight Replace/Repair	\$100.0	Sitka	35-R
13	Facilities fuel shed & tank replacement	\$225.0	Juneau	34-Q
14	Technical Education Center Welding Lab HVAC System Upgrades	\$100.0	Juneau	34-Q
15	Auke Way Sidewalk Guardrail	\$250.0	Juneau	34-Q
16	Pave Maritime Center Parking Lot	\$300.0	Ketchikan	36-R
17	Replace Egan Building American Flag Pole	\$6.0	Juneau	34-Q
18	Paint the Scheffield Bridge	\$6.0	Juneau	34-Q
19	Hendrickson Annex Exterior Painting	\$40.0	Juneau	34-Q
20	Housing Apartments Fuel Tank Replacement	\$403.0	Juneau	34-Q
21	Student Recreation Center Security Cameras	\$75.0	Juneau	34-Q
22	Clean and Tighten all Egan Library electrical connections	\$25.0	Juneau	34-Q
23	Evaluate Mourant HVAC System	\$20.0	Juneau	34-Q
24	Student Recreation Center Exterior Lighting for Parking & Building	\$135.0	Juneau	34-Q

UAS Novatney Roof Replacement

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

The Novatney building roofing system has reached the end of its useful life and needs to be replaced. This project will replace the existing roof system with a new EPDM roof system with a 40-year life. If the roof is replaced before it substantially fails, the work can be completed without disrupting the programs in the building.

**University of Alaska Deferred Maintenance, Renovation,
Repair and Equipment**

**FY2020 Request: \$9,000,000
Reference No: 45326**

UAS Admissions, Registrar, Financial Aid, Student Accounts, Vice Chancellor of Enrollment Management and Student Affairs are all housed in the Novatney Building. These UAS programs would be adversely impacted if the roof system fails.

UAS Replace Soboleff Ceramics Studio Overhead Door

(GF: \$55.0, NGF: \$0.0, Total: \$55.0)

The UAS Ceramics Studio is housed in room 107 of Soboleff Building. This room use to be a mechanics shop and includes an overhead garage door. This door lets a lot of heat escape from the building and has been a frequent problem with being unsecured at night allowing unauthorized access into the Soboleff building. The overhead door is not needed for the ceramics program and should be replaced with pair of man-doors.

This project will replace the garage door with a glass wall and electronic locking exit door. This will save energy, allow more light into the room and increase the security of the building.

UAS Banfield Hot Water Tank Replacement

(GF: \$50.0, NGF: \$0.0, Total: \$50.0)

Facilities staff opened up the hot water tank in Banfield Hall and found that some of the interior cement lining has come off the tank. Without this lining, this tank will fail in a couple of years and leave all of the UAS students living in this building without hot water for showers and leave the building without heat. This project will replace the hot water tank with a new hot water system that is more efficient and reliable.

UAS Demolish & Repurpose Fitzgerald House

(GF: \$50.0, NGF: \$0.0, Total: \$50.0)

The Fitzgerald house was purchased by UA because of its proximity to the UAS campus. The house is used only for storage and is attracting homeless trespassers. This project will demolish the structure and open up some area for landscape development.

UAS Pedestrian Guardrail Replacement - Phase 2

(GF: \$200.0, NGF: \$0.0, Total: \$200.0)

Existing pedestrian guardrails along the outside second story walkways fronting Auke Lake are made from wood, is expensive to paint, has a large flat top that is always covered in bird droppings and the openings do not meet current building codes. This project will install new railings that are constructed of more durable materials with lower maintenance costs. This is a campus infrastructure project and effects the mission of all UAS departments and programs.

UAS Facilities Services Parking Lot Lighting - Phase 1

(GF: \$60.0, NGF: \$0.0, Total: \$60.0)

Facilities Services has some exterior floodlights attached to the building that provide limited illumination for the facilities yard. This project will install new light poles in the yard that will meet national illumination standards and improve the safety of staff and security of UAS property. Phase 1 will light the half of the yard that is paved. This is a campus infrastructure project and effects the mission of all UAS departments and programs.

UAS Pave Facilities Services Parking Lot - Phase 1a

(GF: \$50.0, NGF: \$0.0, Total: \$50.0)

In FY18 UAS was able to take advantage of DOT&PF highway impacts to the facilities parking lot and have the parking lot re-graded so it becomes more usable for, parking, laydown and work area. FY18 funds were not sufficient to include asphalt pavement. This project will pave half of the parking lot near the building. This is a campus infrastructure project and effects the mission of all UAS departments and programs.

UAS Housing Lodge Fuel Tank Replacement

(GF: \$130.0, NGF: \$0.0, Total: \$130.0)

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Repair and Equipment**

**FY2020 Request: \$9,000,000
Reference No: 45326**

Housing Lodge fuel tank is 35 years old, supplies the Lodge's emergency generator, has reached the end of its useful life and needs to be replaced before it starts leaking. This project will replace the existing fuel tank with a new double wall fuel tank with innersitieral monitoring to further protect UAS from a fuel leak that could contaminate ground water.

UAS Egan Library Siding Repair & Paint

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

Egan Library exterior siding has started to deteriorate in some places. Project will evaluate siding and determine if can be repaired and re-painted, North Wall is the most damaged. This project may be phased to accommodate funding. The Egan Library houses the library, learning center, screening room Writing Center, CELT and community Evening at Egan lecture series.

UAS Landscape Hendrickson Hill

(GF: \$45.0, NGF: \$0.0, Total: \$45.0)

Pedestrians currently walk down the steep slope next to the Soboleff Building. This trail is not maintained and could be a safety issue. This project will install barrier landscaping to encourage pedestrians to use the stairs. This is a campus infrastructure project and effects the mission of all UAS departments and programs.

UAS Technical Education Center Welding Lab Fire Alarm Panel Replacement

(GF: \$75.0, NGF: \$0.0, Total: \$75.0)

The UAS Technical Education Center (TEC) welding lab is an older building set just north of the main TEC building. TEC welding lab fire alarm panel is no longer supported and showing signs of failure. If the fire alarm breaks, there is no way to repair it without a complete replacement. This would require canceling welding classes for 6 months until the new alarm could be installed. This project will replace the existing alarm panel.

UAS Sitka Atrium Skylight Replace/Repair

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

Sitka Campus main entry overhead skylight is showing evidence of leaks; maintenance has caulked leaky areas as a temporary solution. This project will provide a more permanent water seal around the skylight. All of the UAS programs in Sitka are housed in this one building.

UAS Facilities Services Fuel Shed & Tank Replacement

(GF: \$225.0, NGF: \$0.0, Total: \$225.0)

The facilities fuel shed and tanks were set up as a temporary facility more than 20 years ago. This project replaces them with something more permanent and appropriate. This is a campus infrastructure project and effects the mission of all UAS departments and programs.

UAS Technical Education Center Welding Lab HVAC System Upgrades

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

The Technical Education Center (TEC) welding lab is a small building just north of the main TEC building. This building housed all of the welding classes and programs at UAS. The existing HVAC system in the welding areas is an old type system. New welding shops use a different style of system that is better at keeping fumes away from the welder. This project would replace the existing welding ventilation system with a new modern system.

UAS Auke Way Sidewalk Guardrail

(GF: \$250.0, NGF: \$0.0, Total: \$250.0)

There are several sections of Auke Way sidewalk that have a retaining wall drop off that exceeds the 30" maximum required by code. This project will reduce that drop off when possible and install handrail/guard rail

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**FY2020 Request: \$9,000,000
Reference No: 45326**

when not. This is a campus infrastructure project and effects the mission of all UAS departments and programs.

UAS Pave Maritime Center Parking Lot

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

The existing parking at the KTN Maritime Center lot is gravel and potholes develop frequently that disrupt service, impede drainage and require maintenance. This project will install asphalt pavement in the parking lot. This building houses all of the UAS Maritime programs.

UAS Replace Egan Building American Flag Pole

(GF: \$6.0, NGF: \$0.0, Total: \$6.0)

The existing flagpoles at the Egan Building are all the same height. However, the American Flag Pole should be taller than all other poles. This project will replace the American flagpole. This is a campus infrastructure project and effects the mission of all UAS departments and programs.

UAS Paint the Sheffield Bridge

(GF: \$6.0, NGF: \$0.0, Total: \$6.0)

The Sheffield Bridge crosses Auke Creek. The paint on this bridge is being damaged by snowplows and needs to be repaired. This project will paint the bridge. This is a campus infrastructure project and effects the mission of all UAS departments and programs.

UAS Hendrickson Annex Exterior Painting

(GF: \$40.0, NGF: \$0.0, Total: \$40.0)

The exterior paint on the Hendrickson annex has reached the end of its life. This project will paint the building. The UA School of Education is housed in the Hendrickson Annex Building.

UAS Housing Apartments Fuel Tank Replacement

(GF: \$403.0, NGF: \$0.0, Total: \$403.0)

UAS Housing Apartment Unit fuel tanks are 35 years old, reached the end of their useful life, and need to be replaced before they start leaking. This includes Buildings: #JS 111-117 Housing Apartments A, B, C, D, E, F, and G. This project will replace the first five fuel tanks with new double walled tanks with leak detection monitoring systems. The remaining four fuel tanks will be replaced in a second phase of work as funding becomes available.

UAS Recreation Center Security Cameras

(GF: \$75.0, NGF: \$0.0, Total: \$75.0)

Currently there are no security cameras at the UAS Recreation Center / Army National Guard Readiness Center. In today's changing environment, security cameras are needed. This project will add cameras inside the major hallways and gym and in the outside parking lots.

UAS Clean and Tighten all Egan Library Electrical Connections

(GF: \$25.0, NGF: \$0.0, Total: \$25.0)

Electrical connections in the mechanical rooms can become loose over time due to transformer vibrations. This project will inspect and tighten these connections in the Egan Library and classroom wing. Work will also include Arc-Flash Study and equipment life span estimate. The Egan Library houses the library, learning center, screening room Writing Center, CELT and community Evening at Egan lecture series

UAS Evaluate Mourant HVAC System

(GF: \$20.0, NGF: \$0.0, Total: \$20.0)

Facilities receives many complaints each year from staff in the Mourant Building saying the building is too hot and they end up propping open doors and windows to try and cool down. This project will first hire a

**University of Alaska Deferred Maintenance, Renovation,
Repair and Equipment**

FY2020 Request: \$9,000,000
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Mechanical Engineer to review the existing HVAC system to see if the existing HVAC building meets code, is properly balanced and recommend improvements, if necessary.

UAS Recreation Center Exterior Lighting for Parking & Building

(GF: \$135.0, NGF: \$0.0, Total: \$135.0)

The existing lighting system at the Recreation Center parking lot and exterior sidewalks are using old technology and is not evenly distributed across the site creating shadows and bright spots making it difficult to see walking surfaces during the winter months. This project will replace all of the exterior lights with new LED lighting system.

Statewide Services

Priority	Project Title	Projected Cost	Location	HD
1	Butrovich Building Repairs	\$300,000	Fairbanks	5-C

Butrovich Building Repairs

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

The Butrovich Building was constructed in 1988 and is the primary building housing most of UA's administrative functions and UAF's K-12 Outreach. The building components are showing signs of age, requiring increased maintenance as they reach their life cycle end. Over the next few years, many of the main mechanical systems will come due for replacement or refurbishing: HVAC components, plumbing, electrical, elevator upgrades and code corrections.

Courts Statewide Deferred Maintenance

FY2020 Request: \$1,000,000
Reference No: 62615

AP/AL: Appropriation **Project Type:** Deferred Maintenance
Category: Law and Justice
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Rhonda McLeod
Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)264-8215

Brief Summary and Statement of Need:

Critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for Courts.

Funding:	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Total</u>
1197 AK Cap Inc	\$1,000,000						\$1,000,000
Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

<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"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Projects to be completed will be chosen from this Deferred Maintenance Listing in Priority Order.

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

Priority	Court District	Building	Cost	Project
1	3	Snowden Admin. Building	25,000	Replace Old Warehouse Lighting: Retrofit old, inefficient, and no longer manufactured T-12 light fixtures with LED compatible light fixtures in the Warehouse.
2	3	Snowden Admin. Building	140,000	Replace Old Lighting at 444 "H" Street, and 820 West 4th: Replace old, inefficient lamps with LED's and retro fit other fixtures as needed.

Courts Statewide Deferred Maintenance

FY2020 Request: \$1,000,000
Reference No: 62615

Priority	Court District	Building	Cost	Project
3	4	Rabinowitz Courthouse	150,000	Replace Old Fluorescent lamps: Replace high maintenance, outdated, expensive fluorescent lamps with LEDs at light fixtures. LED provide energy savings and less maintenance, and many fluorescent lamps will be discontinued shortly.
4	4	Rabinowitz Courthouse	200,000	Replace exterior concrete: Replace deteriorated concrete and sealant at front plaza entry. Concrete that presented the most tripping hazards was replaced during FY19. Concrete currently has radiant heating which affects project costs.
5	3	Kenai Courthouse	20,000	Duct Cleaning: Clean HVAC supply air ductwork between entry and distribution points. 20K
6	3	Palmer Courthouse	115,000	Replace Deteriorating Public Lobby Flooring: Replace deteriorating public lobby slate finish. Slate has been determined to be inappropriate for the high traffic conditions, and the maintenance costs to keep it repaired and adequately clean is significant. Replacing the slate with a finish appropriate for high traffic will reduce operating costs. Includes 15% inflation cost.
7	3	Palmer Courthouse	100,000	Upgrade Pneumatic Controls to DDC: Replace outdated DDC components, inefficient HVAC Controls equipment (Modular Building Controller, Modular Equipment Controller, etc.) with DDC compatible controls system
8	3	Palmer Courthouse	45,000	Refinish Deteriorated and Cracked Lobby Soffits and Walls: Repair and refinish: 1) lobby walls which are damaged and soiled from outside air at diffusers areas; 2) delaminating vinyl wallcovering at entries; and 3) soffits damaged with stress cracks.
9	3	Anchorage Nesbett Courthouse	20,700	Replace Deteriorating Countertops: The existing countertops in the Basement (2 each) and 1st floor (4 each) staff restrooms are badly stained and have damaged/lifting laminate, causing water to seep underneath the laminate and damage wood. The request includes a 15%

Courts Statewide Deferred Maintenance

FY2020 Request: \$1,000,000
Reference No: 62615

Priority	Court District	Building	Cost	Project
10	3	Anchorage Nesbett Courthouse	411,500	contingency. Replace Courtroom Spectator Seating: The existing floor attached bench spectator seating in all courtrooms is worn, damaged, and the fabric is ripped and deteriorating. Facilities has started fielding frequent complaints regarding the condition of the seating from staff and the public, and there is no resolution to the problem except replacement. The estimate includes removal and disposal of the existing benches, and installation of the replacement benches - plus a 15% contingency.
11	3	Anchorage Boney Courthouse	356,500	Replace HVAC Coils in Air Handling Units #1 and #2: Replace old coils with new coils and install new DDC controls, valves, heat exchanger, insulation, piping & other interfacing equipment to facilitate heating system. This request includes 15% inflation from the initial estimate. The coil replacement would be done with the above work.
12	3	Anchorage Boney Courthouse	1,200,000	Upgrade 5th Floor HVAC System: Redesign and provide new perimeter heating and air systems including VAV boxes, DDC Controls, branch ductwork, new coils, new piping, insulation, and valves to allow proper control for occupant comfort. DOT/PF has advised that the heating deficiencies at the 5th floor have become more severe, and were not remedied during the 2011 renovations. This estimate is taken from the 2008 DM Planning Document plus 15% inflation.
13	3	Anchorage Boney Courthouse	2,912,900	Replace Original HVAC Equipment at Mechanical Fan Rooms: Replace deficient air handling units, heat exchangers, glycol makeup system, DDC Controls and other interfacing equipment and construction in the mechanical fan rooms. According to the 2009 report, the equipment is 42 years old, far past its life expectancy, and the components are not functioning efficiently and correctly. The request includes a 15% contingency, 12% design fee &

Courts Statewide Deferred Maintenance

FY2020 Request: \$1,000,000
Reference No: 62615

Priority	Court District	Building	Cost	Project
14	3	Boney Parking Garage	350,000	20% Inflation -2008 thru 2020. Replace Second Floor Decking: The existing deck coating has failed allowing leakage from the top to the lower level, and causing deterioration of the structural concrete below the coating.
15	3	Snowden Admin. Building	100,000	Code Required Structural Upgrades at the Warehouse: Provide new structural support to comply with current seismic code at the warehouse exterior walls. Updated to current costs.
			<u>6,146,600</u>	