

**State of Alaska Telecommunications System (SATS)**

**FY2019 Request: \$2,800,000**

**Reference No: 62623**

**AP/AL:** Appropriation

**Project Type:** Information Technology / Systems / Communication

**Category:** General Government

**Location:** Statewide

**House District:** Statewide (HD 1-40)

**Impact House District:** Statewide (HD 1-40)

**Contact:** Cheryl Lowenstein

**Estimated Project Dates:** 06/01/2019 - 06/30/2023

**Contact Phone:** (907)465-5655

**Brief Summary and Statement of Need:**

The State of Alaska Telecommunications System (SATS) is a network of microwave and 2-way telecommunication sites throughout the state, which supports day-to-day operations of state agencies and emergency responders statewide. SATS provides critical network infrastructure along the Interior road system, in Prince William Sound, on the Kenai Peninsula, and in areas of Southeast Alaska. SATS infrastructure (towers, shelters, and the communications equipment contained within) is often located in areas difficult to access. The infrastructure is valued at approximately \$200 million; continued deferred maintenance is necessary to keep the system viable.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$2,800,000		\$8,900,000	\$5,000,000	\$5,000,000	\$5,000,000	\$26,700,000
<b>Total:</b>	\$2,800,000	\$0	\$8,900,000	\$5,000,000	\$5,000,000	\$5,000,000	\$26,700,000

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

Daily reliability of the system has reached a point, after years of deferring maintenance, of regular and sustained periods of inoperability. The SATS network has degenerated into a "break and fix" state of unreliable operation.

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

Excluding lifecycle replacement of Alaska Land Mobile Radio (ALMR) radios estimated at \$47M, the SATS deferred maintenance backlog of unfunded needs totals \$6.4M. Top priority projects that may be funded through this project include:

**State of Alaska Telecommunications System (SATS)**

**FY2019 Request: \$2,800,000**  
**Reference No: 62623**

Priority	Project Title	Project Description	Project Cost (\$00.0)	Running Total (\$00.0)
1	Replacement of manufacture discontinued TDM microwave radios with IP radios	22 hops calculated on a per hop basis (2 radios). Includes radios, antennas, waveguide, other installation materials, travel costs, staff, and contractors. \$125K per hop	\$2,750.0	\$2,750.0
2	Replace 7705 Router Version 1 Chassis with Version 2 Chassis	Replace 49 version 1 chassis with version 2 chassis since the version 1 chassis and associated software versions are no longer supported by the manufacturer. Project includes equipment, hardware, SATS technicians, transportation, and travel costs.	\$175.0	\$2,925.0
3	Heney Range Shelter Replacement	Replace the shelter at Heney Range and clean up unused equipment on site. The shelter has water damage from a leaking roof and temporary patches have been applied several times. Estimated cost covers shelter, helicopter, SATS staff, contractors, material transportation, travel, per diem, and consumable materials.	\$342.0	\$3,267.0
4	Engineering Inspections at 45 Helicopter Sites	Preventative maintenance is several years behind and primarily only break fix visits have been made. Utilize staff for an average of two days per site. Includes helicopter, consumable materials, per diem, and lodging. \$15K per site.	\$675.0	\$3,942.0
5	Replacement of old air conditioners and manufacture discontinued Liebert units on microwave site buildings.	5 sites along the North Richardson Highway including contractor installation \$11.5K per site	\$57.5	\$3,999.5
6	Solar Site solar panel and controller replacements at two solar microwave sites	Ellamar, Jack Peak includes helicopter, contract labor, new support structures, panels and controllers \$55K per site	\$110.0	\$4,109.5
7	Replacement of tower obstruction lighting with LED	Tudor Tower and one other site includes contractor installation. \$40K per site	\$80.0	\$4,189.5

**State of Alaska Telecommunications System (SATS)**

**FY2019 Request: \$2,800,000**  
**Reference No: 62623**

Priority	Project Title	Project Description	Project Cost (\$00.0)	Running Total (\$00.0)
	systems to reduce power consumption and light replacements			
8	Saddle Mountain Site Powerline Replacement and power controls improvements	Place second powerline on different route to SATS site at Saddle Mountain from thee Ski Resort, add transfer switch, new generator and digital controller and contractor support	\$500.0	\$4,689.5
9	Cleanup Ptarmigan Site	Cleanup unused shelters, old fuel tank, and extra equipment at the site. The remaining liquid in the old fuel tank will need to be properly recovered prior to moving the tank. Estimated \$54K to cover helicopter, contractors, travel, and consumable materials.	\$54.0	\$4,743.5
10	Cleanup Mt. Bede Site	Cleanup unused shelters and equipment at the site. Estimated \$54K to cover helicopter, contractors, travel, and consumable materials.	\$54.0	\$4,797.5

**Alaska Land Mobile Radio System (ALMR)**

**FY2019 Request: \$5,000,000**

**Reference No: 54931**

**AP/AL:** Appropriation

**Project Type:** Information Technology / Systems / Communication

**Category:** General Government

**Location:** Statewide

**House District:** Statewide (HD 1-40)

**Impact House District:** Statewide (HD 1-40)

**Contact:** Cheryl Lowenstein

**Estimated Project Dates:** 06/01/2019 - 06/30/2023

**Contact Phone:** (907)465-5655

**Brief Summary and Statement of Need:**

The Alaska Land Mobile Radio (ALMR) is an interoperable system that provides radio service to local, state, and federal agencies. This project contributes towards the necessary lifecycle replacement to radio hardware components in order to meet the state’s requirements for its share of the ALMR system, and begins a five-year refresh cycle of state-owned subscriber radios.

This funding is for replacement items required in FY2020 in anticipation of full funding with a 2021 GO Bond.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$5,000,000		\$8,900,000	\$5,000,000	\$5,000,000	\$5,000,000	\$28,900,000
<b>Total:</b>	\$5,000,000	\$0	\$8,900,000	\$5,000,000	\$5,000,000	\$5,000,000	\$28,900,000

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

- Sec1 Ch1 SLA2017 P2 L10 SB23 \$1,534,600
- Sec4 Ch1 SLA2017 P15 L1 SB23 \$3,000,000
- Sec4 Ch2 SLA2016 P24 L10 SB138 \$1,000,000
- Sec17 Ch2 SLA2016 P35 L18 SB138 \$1,274,571

**Project Description/Justification:**

The Alaska Land Mobile Radio (ALMR) network enables emergency communications across vast areas of Alaska. The network is relied on extensively to ensure that major routes between Alaska’s major population areas guarantee that emergency services can coordinate responses that help protect people and resources. The State of Alaska (SOA) partners with the Department of Defense (DoD) and the Municipality of Anchorage to own and operate this network. Each partner owns a portion of the network and is responsible for maintaining their respective assets.

Public safety mission critical communications systems typically run in five to fifteen-year life cycles for the hardware, software and equipment components. Like any other computer, the hardware and

software components that make up the system require continuous refresh and replacement to maintain functionality and security protections. By the end of 2020, the ALMR network equipment owned and operated by the SOA will become end-of-life and unsupported by the manufacture. Specifically, these hardware components are fixed mounted radios (Quantar radios).

The SOA owns and operates 75 site radio locations across 156,600 square miles of Alaska. Each site consists of a set of fixed mounted radios (Quantar radios) that are part of a contiguous network attached by either a microwave chain or a leased data circuit. The network’s primary mission is to carry mission and safety critical voice communications for first responder public safety agencies. There are currently 16,703 subscribers on the ALMR network with 83 percent performing a public safety function and 76 percent of these subscribers are first responder users. It is the basic tenant of this network to operate as a safety and mission critical system. A safety critical system is a system that, if it fails, may result in serious environmental damage, injury, or loss of life. If a failure exists in a mission critical system, that may result in a failure in a high-priority, goal-directed activity.

This project addresses the replacement of all SOA fixed mounted radios at 73 of the 75 site radio stations (\$22 million). Two sites have previously needed to be replaced to maintain network continuity. This project also funds the first year of a five-year life cycle replacement of subscriber radios (\$5 million in year one). The SOA owns approximately 5,000 subscriber radios. This five-year plan prioritizes replacement of radios to first responders and those radios in worst condition.

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

This is a lifecycle replacement to fixed mounted radios within the SOA network, and the first year of a replacement schedule of subscriber radios.

**Specifically, what hardware, software, consulting services, or other items will be purchased with this funding?**

This project funds radio hardware and contractual services necessary to replace radios in all 73 site locations. The specific hardware and services will be determined through a formal bid process. Until that process can be executed, this project is conceptual in nature and in a pre-design phase.

<b>Equipment Replacement</b>	<b>FY2020</b>
Fixed Mounted Radios (Quantar)	\$22,000,000
Subscriber Radios (Year 1 of 5)	\$5,000,000
<b>Total</b>	<b>\$27,000,000</b>

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

This project ensures continuity of services and maintains Alaska’s first responder’s ability to communicate and provide mutual and interoperable aid to themselves and other jurisdictions.

**Will the project affect the way in which other public agencies conduct their business?**

ALMR is an enterprise class, mission critical, public safety grade communications system. It supports communications for over 125 agencies across the state including State of Alaska, federal, municipal, and first responder volunteer organizations.

State of Alaska agency operations depend upon ALMR for their core communications and operations.

Key Alaska agencies include: Department of Public Safety, Department of Transportation and Public Facilities, Department of Corrections, Department of Natural Resources, Municipality of Anchorage, Fairbanks North Star Borough, City of Fairbanks, Mat-Su Borough, Wasilla Police Department, Soldotna Police Department, Valdez Police and Fire Departments, Kenai Police and Fire Department, communities where ALMR coverage exists, and many more when 911-dispatch services are considered. All DoD agencies and numerous federal agencies including the Drug Enforcement Agency, Federal Bureau of Investigation, Federal Aviation Administration, Federal Emergency Management Agency, National Park Service, Transportation Security Administration, and the US Marshal Service. The current list of agencies can be found at: <http://alaskalandmobileradio.org>

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

Capital Hardware & Software	FY2021	FY2022	FY2023	FY2024	FY2025	Total
Subscriber Radios	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$0	\$20,000,000
Software Update to 7.21 Platform	\$3,900,000	\$0	\$0	\$0	\$0	\$3,900,000
<b>Total</b>	<b>\$8,900,000</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$23,900,000</b>

The above figures are based on current estimates for capital equipment refresh.

Operating Maintenance Contract Costs	FY2021	FY2022	FY2023	FY2024	FY2025	Total
System Upgrade Agreement II (SUA II) Coverage*	\$0	\$955,000	\$963,000	\$971,800	\$984,700	\$3,874,500
System Maintenance**	\$1,669,813	\$1,669,813	\$1,669,813	\$1,669,813	\$1,669,813	\$8,349,065
<b>Total</b>	<b>\$1,669,813</b>	<b>\$2,624,813</b>	<b>\$2,632,813</b>	<b>\$2,641,613</b>	<b>\$2,654,513</b>	<b>\$12,223,565</b>

\*System Upgrade Agreement II (SUA II) Coverage is an annual contract with the system manufacturer to maintain the ALMR operating system. Currently, the ALMR operating budget does not contain funding for this annual contract. Rather, the SOA has been updating the operating system every five years through capital appropriations. This is reflected in the first table above as the \$3.9 million software update to 7.21. Participating in a SUA II contract agreement ensures the ALMR operating system is supported. If the State chooses not to pursue this option, the operating system will fall out of support after five years, and would require a capital appropriation to bring into support.

\*\*System Maintenance funding is included in ALMR's base operating budget. It is displayed in the table to illustrate operating maintenance costs of the system.

**What will happen if the project is not approved?**

ALMR is comprised of software and hardware that has various lifecycles and requires updates and replacement just as any Enterprise-class network does. If the components of this system are not kept current, we risk a failure of the system and we risk the loss of support from both our partners and the manufacturers; we expose our network and its users to undue risk – both in terms of cybersecurity and overall functionality. Our existing partnerships will also be at risk, as federal law requires its users to operate in a cyber-protected environment.

Other ALMR cooperative agreement members who are also infrastructure owners have all agreed to continue supporting the ALMR system. The State of Alaska is at risk of losing support for a unified enterprise public safety communications system. Without the ALMR system, Alaska faces a risk of

reverting to a time when agencies all provided their communications independently. This would be significantly more expensive to all parties who use ALMR and its services. Individual agency systems would not be able to communicate easily with one another. That lack of interoperable communications has throughout history, repeatedly proven detrimental to public safety and the ability of first responders to work together and communicate with one another during day-to-day operations and emergencies.

**Public Building Fund Deferred Maintenance, Renovation, Repair and Equipment**      **FY2019 Request: \$11,958,500**  
**Reference No: 49602**

**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:** 06/01/2019 - 06/30/2023      **Contact Phone:** (907)465-5655

**Brief Summary and Statement of Need:**

Deferred Maintenance, Renovation, Repair, and Equipment for Alaska Office Building, Atwood Building, Community Building, Court Plaza Building, Dimond Courthouse, Douglas Island Building, Fairbanks Regional Office Building, Juneau State Office Building, Linny Pacillo Office/Parking Garage, Nome State Office Building, and Palmer State Office Building.

\$100,000 can be held in reserve to meet disability access on a case-by-case basis. Process of appropriating amounts to be determined and will be made in increments of \$2,000 - \$20,000 for such accommodations.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$11,958,500						\$11,958,500
<b>Total:</b>	\$11,958,500	\$0	\$0	\$0	\$0	\$0	\$11,958,500

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Sec1 Ch19 SLA2018 P2 L10 SB142 \$4,950,000  
 Sec1 Ch1 SLA2017 P2 L14 SB23 \$4,500,000  
 Sec1 Ch2 SLA2016 P2 L10 SB138 \$4,000,000  
 Sec1 Ch38 SLA2015 P2 L10 SB26 \$3,000,000  
 Sec1 Ch18 SLA2014 P2 L18 SB119 \$4,000,000

**Project Description/Justification:**

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

<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Alaska Office Building-Replace Windows	Replace exterior windows.	\$761.3	Juneau	33



**Public Building Fund Deferred Maintenance, Renovation,  
Repair and Equipment**

**FY2019 Request: \$11,958,500  
Reference No: 49602**

<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Alaska Office Building-Restroom Upgrade: Fixtures	Upgrade restroom counters and cubicles. Old fixtures dated.	\$136.5	Juneau	33
Atwood Building Fire Suppression Upgrade	Install fire suppression in 13th and 14th elevator machine rooms	\$63.9	Anchorage	20
Atwood Building Install Arctic Entry	Replace all old pneumatic controls with Siemens digital controls	\$245.7	Anchorage	20
Atwood Building Install Reflectors on Stairwells	Stairwells (2 ea) flrs 1-20. Repaint landings and improve step traction. PHASE 2	\$100.8	Anchorage	20
Atwood Building Repair Stucco	Repair stucco at building exterior entrance	\$84.0	Anchorage	20
Atwood Building Replace Building Controls	Remove current emergency generator, and replace with 1000Kwh unit to add building data centers	\$997.5	Anchorage	20
Atwood Building Replace emergency evacuation chairs in stairwells	Add arctic entry to back doors for improved protection from utility loss and air flow pressure issues	\$157.5	Anchorage	20
Atwood Building Replace emergency power transfer switch	Replace emergency power transfer switch	\$49.6	Anchorage	20
Atwood Building Upgrade restroom fixtures	Replace restroom counters and sinks	\$813.8	Anchorage	20
Atwood Building-Install Exhaust Fans	Install exhaust fans in 1st flr restrooms	\$42.0	Anchorage	20
Community Building- Replace Print Shop Doghouse	Replace print shop doghouse. Wood frame, walls and stucco rotten.	\$84.0	Juneau	33
Community Building-Replace Boiler	Replace rusted boiler stack and add damper controls.	\$131.3	Juneau	33
Community Building-Replace Path between DCH and CB	Replace path between DCH and CB and reseal basement wall. Pathway deteriorating and water leaking into building basement.	\$168.0	Juneau	33
Court Plaza Building-Construct Stairs	Construct stairs from parking lot to lower sidewalk. Stairs would bypass Telephone Hill	\$73.5	Juneau	33
Court Plaza Building- Replace VAV Boxes	Replace pneumatic actuators with electronic and new VAV boxes. (energy perf project)	\$813.8	Juneau	33
Dimond Courthouse- Replace	Add and replace missing insulation on	\$404.3	Juneau	33

**Public Building Fund Deferred Maintenance, Renovation,  
Repair and Equipment**

**FY2019 Request: \$11,958,500  
Reference No: 49602**

<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Missing Insulation	the perimeter loop heating pipes, all floors, add rock wall insulation - RELOCATE ALL FURNITURE			
Dimond Courthouse-Replace Generator	Replace building original generator and all associated controls, electrical, and breaker panels.	\$1,050.0	Juneau	33
Dimond Courthouse-Replace Plaza Doors	Replace ground floor plaza entry doors. Hinges becoming a heavy maintenance item.	\$126.0	Juneau	33
Dimond Courthouse-Replace VAV Boxes	Replace 214 VAV boxes. Existing VAV boxes unreliable and becoming a constant maintenance repair item.	\$1,312.5	Juneau	33
Douglas Island Building-Generator Seismic Pads	Building codes require that generator anchor points have vibration isolators to provide protection for seismic or earthquake ground effects. The existing pads for this generator are badly corroded and could allow the generator to break free from its anchor points.	\$15.8	Juneau	33
Douglas Island Building- Roof tie downs	Federal regulations require employers to protect their workers from falls if the work threshold height is 6 feet and greater. Tie down points are required for a worker to anchor their fall arrest equipment when working on roofs. Typical work duties would be cleaning roofs of vegetation and drain maintenance.	\$262.5	Juneau	33
Fairbanks Regional Office Building - Recaulk Windows	Recaulk all windows to seal structure from water/heat loss	\$68.3	Fairbanks	1
Juneau State Office Building -Replace Atrium Windows	Replace as needed atrium windows and seals, replace gutters an add flashing (3 sets)	\$400.0	Juneau	33
Juneau State Office Building -Update SOB Entry	Willoughby Main Entrances: Repair / replace concrete, drains, steps. Replace curtain wall at entrance (including glazing). Upgrade planters.	\$550.0	Juneau	33

**Public Building Fund Deferred Maintenance, Renovation,  
Repair and Equipment**

**FY2019 Request: \$11,958,500  
Reference No: 49602**

<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
	Redo glass on storefront because leaking and for energy efficiency purposes.			
Liny Pacillo Office/Parking Garage - Master Line of Credit	This line of credit is paid annually from existing capital budgets, which reduces the ability to execute other projects. This line of credit will be \$774,000 effective July 1, 2019. Paying the remaining balance saves the state \$75,626 in interest.	\$774.0	Anchorage	20
Liny Pacillo Office/Parking Garage-Halon System Upgrade	Upgrade to halon suppression system	\$54.6	Anchorage	20
Nome State Office Building-Install Standby Generator	Nome standby generator	\$840.0	Nome	39
Nome State Office Building-Install Floor Drain to DFG Lab	Add floor drains to DFG lab for bone boiler	\$12.6	Nome	39
Nome State Office Building-Replace Roof	Roof replacement	\$1,312.5	Nome	39
Palmer State Office Building-Renovate entry near DOC	Design and provide arctic entry at probation entrance, weather elements affecting interior mechanical systems	\$52.5	Palmer	
<b>SUBTOTAL PBF UGF UNALLOCATED (DEFERRED)</b>		<b>\$11,958.5</b>		

**Non-Public Building Fund Deferred Maintenance, Renovation, Repair and Equipment**

**FY2019 Request: \$1,291,500**  
**Reference No: 62665**

**AP/AL:** Appropriation  
**Category:** General Government  
**Location:** Statewide  
**Impact House District:** Statewide (HD 1-40)  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023

**Project Type:** Deferred Maintenance  
**House District:** Statewide (HD 1-40)  
**Contact:** Cheryl Lowenstein  
**Contact Phone:** (907)465-5655

**Brief Summary and Statement of Need:**

Juneau Facilities Center and Anchorage Geological Materials Center Deferred Maintenance, Renovation, Repair, and Equipment.

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$1,291,500						\$1,291,500
<b>Total:</b>	\$1,291,500	\$0	\$0	\$0	\$0	\$0	\$1,291,500

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Facilities Center -Upgrade Elevator	Modernize elevator equipment	\$472.5	Juneau	33
Facilities Center - Upgrade Sprinkler Pipes & Conduit	Address sprinkler pipes and conduit breaking due to building movement	\$241.5	Juneau	33
Facilities Center- Update Exterior of the Building	Remove rock debris and install metal siding. Large rock leaning on exterior wall could be a hazard. Adding siding will provide moisture protection.	\$141.8	Juneau	33

**Non-Public Building Fund Deferred Maintenance,  
Renovation, Repair and Equipment**

**FY2019 Request: \$1,291,500  
Reference No: 62665**

<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Facilities Center - Reseal Windows	Reseal windows	\$68.3	Juneau	33
Geological Materials Center -Security Upgrades	Install additional security surveillance cameras and access control.	\$94.5	Anchorage	20
Geological Materials Center -Parking Lot Upgrade	Crack seal, seal coat, stripe parking lot	\$68.3	Anchorage	20
Geological Materials Center -Upgrade Cold Room	Complete cold room mechanical upgrades and commissioning	\$147.0	Anchorage	20
Geological Materials Center -Landscaping Upgrade	Complete Landscaping Upgrades	\$57.8	Anchorage	20
<b>SUBTOTAL NON PBF UGF UNALLOCATED (DEFERRED)</b>		<b>\$1,291.5</b>		

**Department of Corrections Statewide security locks, controls, and cameras.**

**FY2019 Request: \$1,450,000**  
**Reference No: 62627**

**AP/AL:** Appropriation **Project Type:** Renovation and Remodeling  
**Category:** Public Protection  
**Location:** Statewide **House District:** Statewide (HD 1-40)  
**Impact House District:** Statewide (HD 1-40) **Contact:** April Wilkerson  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023 **Contact Phone:** (907)465-3460

**Brief Summary and Statement of Need:**

Address outstanding security needs at Anvil Mountain, Goose Creek, and Spring Creek Correctional Centers. Upgrades include replacing failing door controls and upgrading camera systems.

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$1,450,000						\$1,450,000
<b>Total:</b>	\$1,450,000	\$0	\$0	\$0	\$0	\$0	\$1,450,000

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

<b>Allocation</b>	<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
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 on Microsoft XP. This OS (operating system) does not allow the door and camera control systems	\$300.0	Wasilla	HD 10

**Department of Corrections Statewide security locks, controls, and cameras.**

**FY2019 Request: \$1,450,000**  
**Reference No: 62627**

<b>Allocation</b>	<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
		software to update to latest manufacturer's software releases.			
Anvil Mountain Correctional Center	Camera Upgrades	Most of the cameras at AMCC are analog, 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	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
			\$1,450.0		

**Anchorage Correctional Center Renovation and Deferred Maintenance to Accommodate Mental Health Unit**      **FY2019 Request: \$3,000,000**  
**Reference No: 62556**

**AP/AL:** Appropriation      **Project Type:** Renovation and Remodeling  
**Category:** Public Protection  
**Location:** Anchorage (Downtown)      **House District:** Downtown Anchorage (HD 20)  
**Impact House District:** Downtown Anchorage (HD 20)      **Contact:** April Wilkerson  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023      **Contact Phone:** (907)465-3460

**Brief Summary and Statement of Need:**

This project will provide funding for renovation and relocation of the Anchorage Correctional Complex Mens' Mental Health Unit (Mike Mod). The funding would allow the renovation and relocation of the existing Acute Mental Health Unit by revamping the existing environment and expansion to meet the increased needs. This renovation and relocation will increase the capacity from 28 to 46 beds.

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$3,000,000						\$3,000,000
<b>Total:</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000,000</b>

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

The Alaska Department of Corrections (AKDOC) is the state's largest behavioral health provider. On any given day, 65% of AKDOC's population has been identified as Trust Beneficiaries. 22% of those individuals are diagnosed with a severe and persistent mental illness. Since FY08, the department has seen a 61% increase in the number of contacts provided by behavioral health staff and individuals continue to enter AKDOC sicker than ever before. The department has seen a 19% increase in the number of individuals diagnosed with a severe and persistent mental illness.

The Anchorage Correctional Center (ACC) Acute Mental Health Unit is the primary resource available to meet the needs of male individuals within AKDOC who present a danger to themselves, others, or are gravely disabled. Since FY12 the men's Acute Mental Health Unit has seen a 16% increase in the number of annual admissions. This increase has resulted in individuals having to remain in outlying institutions with limited behavioral health services awaiting bed space. Often these individuals have to be placed in segregation in order to keep them safe until they can be transferred to the Acute Mental Health Unit. The placement of these individuals in segregation goes against national trends focused on eliminating the use of segregation to house



**Anchorage Correctional Center Renovation and Deferred  
Maintenance to Accommodate Mental Health Unit**

**FY2019 Request: \$3,000,000  
Reference No: 62556**

individuals with severe and persistent mental illness. On any given day, approximately 5% of those individuals housed within segregation within AKDOC have been diagnosed with a severe and persistent mental illness.

The Alaska Department of Corrections (AKDOC) is in the process of revamping and expanding its Mens' Acute Mental Health Unit at the ACC. The demand for acute mental health services within the AKDOC has exceeded the current unit's capacity of 28 beds resulting in offenders having to be placed on waitlists to receive these services.

The ACC Mental Health Unit is needed to provide the essential psychiatric care needed to prevent individuals from harming themselves or others while ensuring that severe and persistently mentally ill individuals are housed in the least restrictive environment. The ACC Mental Health Unit is the core of the essential mental health services provided to the department's highest risk mentally ill male offenders statewide. The expansion of ACC Mental Health Unit will help the department meet the increasing demand for these services statewide currently along with the projected growth in need for services.

**Department of Corrections Deferred Maintenance to Re-open facility**

**FY2019 Request: \$6,568,000**  
**Reference No: 62626**

**AP/AL:** Appropriation **Project Type:** Renovation and Remodeling  
**Category:** Public Protection  
**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:** 06/01/2019 - 06/30/2023 **Contact Phone:** (907)465-3460

**Brief Summary and Statement of Need:**

Palmer Correctional Center is currently unoccupied. In order to bring the facility back into service, all existing deferred maintenance projects should be addressed prior to re-opening in order to maximize efficiency and keep security hazards to a minimum.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$6,568,000						\$6,568,000
<b>Total:</b>	<b>\$6,568,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,568,000</b>

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

<b>DM PRIORITY</b>	<b>Cost</b>	<b>DESCRIPTION</b>
<b>1</b>	<b>60.0</b>	Replace East side generator transfer switch; existing transfer switch working intermittently.
<b>2</b>	<b>780.0</b>	Design and Construct Control Room: Complete renovation to include access and camera controls and new intercom system.
<b>3</b>	<b>280.0</b>	Design and Construct Segregation Control Room: Complete

Department of Corrections Deferred Maintenance to  
Re-open facility

FY2019 Request:  
Reference No:

\$6,568,000  
62626

DM PRIORITY	Cost	DESCRIPTION
		renovation to include access and camera controls and new intercom system.
4	75.0	Repair existing sewer and water lines, install I-Con water fixture valves
5	500.0	Replace all gaskets in dry pipe, replace expired heads, replace (7) clapper valves
6	150.0	Replace all electronic locks in medium
7	20.0	Upgrade "shaker" fence detection system on medium side
8	500.0	Replace walkway overhang that is rotting, relocate cabling to underground and replace concrete sidewalk.
9	200.0	Replace all exterior doors in houses 1-7. Replace windows in house 1-7 and dining room.
10	180.0	Replace (12) existing oil-fired 80ga water heaters.
11	20.0	Replace existing shower assembly valves and toilet and lavatory fixtures.
12	110.0	Replace damaged floor, shower stalls and install I-Con electronic valves.
13	200.0	Replace deteriorated metal roofing on one building.
14	250.0	Replace roof, repair structural damage and upgrade water and sewer system.
15	100.0	Medium tank room fuel piping upgrade to remove leaking pipes with welded fittings.
16	60.0	Replaced damaged concrete sidewalks on Minimum side
17	200.0	Integrate three buildings into facility-wide fire alarm detection system.
18	750.0	Need generator with sprinkler pump and connection 300,000 water tank.
19	400.0	Replace water main line from tank room to Houses 1-7.
20	150.0	Administrative Building Roof Replacement.
21	83.0	Replace heating system boiler in Administrative bldg.
22	1500.0	LED lighting upgrades campus-wide, upgrade to DDC building automation system.
	<b>6568.0</b>	<b>Total PCC Deferred Maintenance</b>

**Replacement of HVAC Systems at Sheldon Jackson Museum and Stratton Building**

**FY2019 Request: \$500,000**  
**Reference No: 62562**

**AP/AL:** Appropriation

**Project Type:** Renewal and Replacement

**Category:** Education

**Location:** Sitka

**House District:** Sitka/Petersburg (HD 35)

**Impact House District:** Sitka/Petersburg (HD 35)

**Contact:** Patience Frederiksen

**Estimated Project Dates:** 06/01/2019 - 06/30/2023

**Contact Phone:** (907)465-2911

**Brief Summary and Statement of Need:**

Replace the HVAC systems in the Sheldon Jackson Museum and the Stratton Building, both located in Sitka, Alaska.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$500,000						\$500,000
<b>Total:</b>	\$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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

The entire HVAC system in the Stratton needs replacement. The first floor is currently heated by monitor-type stoves as a stopgap.

The Sheldon Jackson Museum in Sitka needs to have its HVAC system replaced so that it can provide mechanical dehumidification. The existing system was put into place when the museum was purchased in 1984.

The Division will realize cost savings if these two projects are unified and done as a single RFP.

**Mt. Edgecumbe High School Renovation and Deferred Maintenance**

**FY2019 Request: \$4,487,000**  
**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:** 06/01/2019 - 06/30/2023

**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.

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$4,487,000						\$4,487,000
<b>Total:</b>	<b>\$4,487,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,487,000</b>

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**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 what MEHS facility management determines to be health and safety priorities. The CIP Master plan addresses critical deferred maintenance, renewal, replacement, repair, renovation, repurposing, and other miscellaneous capital projects for MEHS. This funding request would support the following projects:

<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Dining Hall Renovation	This project will completely renovate the student dining hall and kitchen, and provide some realignment of the dining hall in order to increase seating capacity of the dining hall.	\$3,627.0	Sitka	35

**Mt. Edgecumbe High School Renovation and Deferred Maintenance**

**FY2019 Request: \$4,487,000  
Reference No: 62563**

Project Title	Project Description	Project Cost (\$00.0)	Location (City)	House District
Replacement of Heritage Hall (Building 295) Windows	<p>The project will replace and upgrade aging kitchen equipment including major appliances. The building interior has not had major work since 1985, the dining hall is too small to adequately allow all of the students to assemble during meal times, and some of the kitchen equipment is aging and is beginning to fail.</p> <p>This project will replace all of the windows in Heritage Hall with single-hung vinyl windows. The windows in this dormitory are worn out and parts are becoming difficult to procure. Many of the existing windows were installed in 1991 and leak.</p>	\$298.0	Sitka	35
Girls Dorm Siding Project	<p>This project will remove lead painted asbestos siding and dispose appropriately. The project will also install new siding and paint. The building currently has lead painted asbestos siding that cannot be washed or painted without creating a health hazard for the students. The paint is currently cracking and peeling, and the building aesthetics cannot be addressed until the hazardous materials are removed. It should be noted that a recent energy audit of this building concluded that insulating the exterior walls of this building (as part of the siding project) will result in an annual energy savings of approximately \$35,000.</p>	\$562.0	Sitka	35
		<b>\$4,487.0</b>		

**K-12 Major Maintenance**

**FY2019 Request: \$48,583,259**  
**Reference No: 62655**

**AP/AL:** Allocation **Project Type:** Deferred Maintenance  
**Category:** Transportation  
**Location:** Statewide **House District:** Statewide (HD 1-40)  
**Impact House District:** Statewide (HD 1-40) **Contact:** Heidi Teshner  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023 **Contact Phone:** (907)465-2875  
**Appropriation:** K-12 Major Maintenance and School Safety Renovation/Upgrades

**Brief Summary and Statement of Need:**

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

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 the first 31 projects recommended by the department. This represents funding that will support and maintain Alaska's school facilities and provide a safe, healthy and comfortable environment for Alaska's school children.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$48,583,259						\$48,583,259
<b>Total:</b>	\$48,583,259	\$0	\$0	\$0	\$0	\$0	\$48,583,259

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**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 document attached for more details on the totals listed below. The top 31 priorities are included in the \$48.5M amount.

<b>School District</b>	<b>State Share</b>
<b>Aleutians East Total</b>	66,695.00
<b>Anchorage Total</b>	7,982,145.00
<b>Chatham Total</b>	1,795,737.00
<b>Chugach Total</b>	10,749,993.00
<b>Copper River Total</b>	1,041,286.00
<b>Denali Borough Total</b>	1,441,118.00
<b>Fairbanks Total</b>	8,278,655.00
<b>Galena City Total</b>	4,866,353.00
<b>Haines Borough Total</b>	551,859.00
<b>Hoonah City Total</b>	188,056.00
<b>Iditarod Area Total</b>	135,552.00
<b>Juneau City Borough Total</b>	940,833.00
<b>Kake City Total</b>	190,782.00
<b>Ketchikan Total</b>	349,155.00
<b>Kodiak Island Total</b>	1,714,263.00
<b>Lower Kuskokwim Total</b>	1,121,135.00
<b>Lower Yukon Total</b>	3,553,235.00
<b>Nenana City Total</b>	555,350.00
<b>Southeast Island Total</b>	487,743.00
<b>Yukon-Koyukuk Total</b>	452,080.00
<b>Yupilt Total</b>	2,121,234.00
<b>Grand Total</b>	48,583,259.00

<b>Priority</b>	<b>School District</b>	<b>State Share</b>	<b>Running Total</b>
1	Fairbanks	7,365,723.00	7,365,723.00
2	Galena City	4,866,353.00	12,232,076.00
3	Chugach	5,632,673.00	17,864,749.00
4	Kake City	190,782.00	18,055,531.00
5	Anchorage	4,570,202.00	22,625,733.00
6	Anchorage	1,264,750.00	23,890,483.00
7	Anchorage	1,415,367.00	25,305,850.00
8	Nenana City		



**K-12 Major Maintenance****FY2019 Request: \$48,583,259**  
**Reference No: 62655**

<b>Priority</b>	<b>School District</b>	<b>State Share</b>	<b>Running Total</b>
		385,935.00	25,691,785.00
9	Anchorage	298,323.00	25,990,108.00
10	Juneau City Borough	940,833.00	26,930,941.00
11	Copper River	1,041,286.00	27,972,227.00
12	Lower Yukon	2,205,662.00	30,177,889.00
13	Chugach	5,117,320.00	35,295,209.00
14	Iditarod Area	135,552.00	35,430,761.00
15	Ketchikan	349,155.00	35,779,916.00
16	Hoonah City	188,056.00	35,967,972.00
17	Nenana City	169,415.00	36,137,387.00
18	Fairbanks	912,932.00	37,050,319.00
19	Aleutians East	66,695.00	37,117,014.00
20	Southeast Island	487,743.00	37,604,757.00
21	Denali Borough	1,441,118.00	39,045,875.00
22	Anchorage	433,503.00	39,479,378.00
23	Lower Yukon	228,075.00	39,707,453.00
24	Yukon-Koyukuk	452,080.00	40,159,533.00
25	Lower Yukon	1,004,026.00	41,163,559.00
26	Yupilt	2,121,234.00	43,284,793.00
27	Lower Yukon	115,472.00	43,400,265.00
28	Kodiak Island	1,714,263.00	45,114,528.00
29	Chatham	1,795,737.00	46,910,265.00
30	Haines Borough	551,859.00	47,462,124.00

**K-12 Major Maintenance**

**FY2019 Request: \$48,583,259**  
**Reference No: 62655**

<b>Priority</b>	<b>School District</b>	<b>State Share</b>	<b>Running Total</b>
31	Lower Kuskokwim	1,121,135.00	48,583,259.00
	Total :	48,583,259.00	

**Establish a needs-based Safer School Grant for physical security to Support Alaska's Safety and Well Being Commitment**

**FY2019 Request: \$10,000,000**  
**Reference No: 62660**

**AP/AL:** Allocation **Project Type:** Life / Health / Safety  
**Category:** Education **House District:** Statewide (HD 1-40)  
**Location:** Statewide **Contact:** Heidi Teshner  
**Impact House District:** Statewide (HD 1-40) **Contact Phone:** (907)465-2875  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023  
**Appropriation:** K-12 Major Maintenance and School Safety Renovation/Upgrades

**Brief Summary and Statement of Need:**

During school safety meetings by state and district leadership, the need to provide dedicated school safety funding to districts to efficiently and effectively improve public school safety statewide was a recurring theme. The Department of Education will create a \$10,000.0 needs-based grant that will provide funding for school safety physical security and other hardware needs, such as security cameras, hand held radios, door locks, PSA systems, and buzz-in systems that is tailored to meet local needs. Funding under this grant supports the Alaska's Education Challenge Safety and Well-Being targeted strategies and safety needs identified within the 2018 Alaska School Safety Gap Analysis.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$10,000,000						\$10,000,000
<b>Total:</b>	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$10,000,000

<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	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**K-12 Major Maintenance and School Safety  
Renovation/Upgrades**

**FY2019 Request: \$58,583,259  
Reference No: 62578**

**AP/AL:** Appropriation with Allocations

**Project Type:** Deferred Maintenance

**Category:** Transportation

**Location:** Statewide

**House District:** Statewide (HD 1-40)

**Impact House District:** Statewide (HD 1-40)

**Contact:** Heidi Teshner

**Estimated Project Dates:** 06/01/2019 - 06/30/2023

**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 Department of Education and Early Development K-12 Major Maintenance and School Safety Renovation/Upgrades.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$58,583,259						\$58,583,259
<b>Total:</b>	\$58,583,259	\$0	\$0	\$0	\$0	\$0	\$58,583,259

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Replace Department of Environmental Conservation Equipment**

**FY2019 Request: \$460,000**  
**Reference No: 62557**

**AP/AL:** Appropriation **Project Type:** Life / Health / Safety  
**Category:** Health/Human Services  
**Location:** Statewide **House District:** Statewide (HD 1-40)  
**Impact House District:** Statewide (HD 1-40) **Contact:** Starr Parmley  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023 **Contact Phone:** (907)465-5235

**Brief Summary and Statement of Need:**

Critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects and equipment for the Department of Environmental Conservation.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$460,000						\$460,000
<b>Total:</b>	\$460,000	\$0	\$0	\$0	\$0	\$0	\$460,000

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

1. The Department of Environmental Conservation (DEC) requests \$185,000 in general funds to continue federally-required air monitoring that was previously performed by the Municipality of Anchorage (MOA) and Fairbanks North Star Borough (FNSB).

DEC requests general funds to replace and maintain federally required air monitoring stations throughout the state. These air-monitoring stations provide the data that guides all regulatory processes. Further, these stations are essential for the assessment of public health risks from air pollutants.

This request will fund the purchase of particulate monitors (Met One BAM 1020); speciation samplers (Met One SuperSASS); and analyzers for carbon monoxide (CO), nitrogen dioxide (NO2), sulfur dioxide (SO2). This request will also fund the maintenance and repair of the facilities that host these monitors, including several air monitoring towers.

**Replace Department of Environmental Conservation  
Equipment**

**FY2019 Request: \$460,000  
Reference No: 62557**

2. This project also funds \$275,000 in critical deferred maintenance, renewal, replacement, repair, renovation, repurposing, and other miscellaneous capital projects for the Department of Environmental Conservation.

The Environmental Health Laboratory was constructed with three autoclaves and one thermodynamic sanitizer, which use steam generated by a steam boiler, all of which are reaching their life expectancy. The Department is proposing to replace the existing ones with new units that have on-board steam generators. This will allow the laboratory to decommission the oversized and inefficient steam boiler and eliminate the current single point of failure in the existing system.

**Fish and Game Research Vessel Refurbishment**

**FY2019 Request: \$1,500,000**

**Reference No: 62542**

**AP/AL:** Appropriation  
**Category:** Natural Resources  
**Location:** Statewide  
**Impact House District:** Statewide (HD 1-40)  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023

**Project Type:** Renovation and Remodeling  
**House District:** Statewide (HD 1-40)  
**Contact:** Scott Kelley  
**Contact Phone:** (907)465-6100

**Brief Summary and Statement of Need:**

The R/V Pandalus has been repowered and continues to be operating effectively, but this boat is now 46 years old and reaching the end of its safe operating capacity. The existing aluminum wheelhouse base is badly corroded and becoming unsafe structurally. The vessel can only utilize 50% of its fuel capacity due to stability issues. The deck space is limited and does not have a walk around bow to facilitate safe access to the anchor winch and mooring cleats. The vessel is at the age where a decision needs to be made in order to maintain safety standards as well as improve its future functionality and service as a fisheries research platform.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$1,500,000						\$1,500,000
<b>Total:</b>	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

**Brief Summary:**

The R/V Pandalus has been repowered and continues to be operating effectively, but this boat is now 46 years old and reaching the end of its safe operating capacity. The existing aluminum wheelhouse base is badly corroded and becoming unsafe structurally. The vessel can only utilize 50% of its fuel capacity due to stability issues. The deck space is limited and does not have a walk around bow to facilitate safe access to the anchor winch and mooring cleats. The vessel is at the age where a decision needs to be made in order to maintain safety standards as well as improve its future functionality and service as a fisheries research platform. These funds will be used to widen the vessel by 5 feet, replace the wheel house, add walk around bow, replace main 2-boom system with a safer knuckle crane, improve cramped living quarters, increase working space and increase fuel capacity by 40 percent. In addition increasing safety and options for versatility for vessel users and survey needs.

**Full Description:**

The Pandalus working range encompasses coastal and inland waters from southern southeast Alaska to Nome. In 2018 the R/V Pandalus spent 101 days at sea conducting the following fishery assessment projects worth over \$120 million to fishermen; Port Moller Test Fish (36 days), Lower Bering king salmon smolt surface trawl (29 days), Norton sound red king crab bottom trawl (14 days), Kachemak bay large mesh trawl Tanner crab survey (7 days), SE Remote Operated Vehicle (ROV) surveys (15 days). The boat is away from home port for more than 60 consecutive days per season. The vessel has also supported other assessment projects for pot shrimp, herring, scallop, salmon, sablefish and miscellaneous groundfish fisheries in Central and AYK regions. The R/V Pandalus is uniquely rigged to run multiple different types of gear required for these surveys. Few other vessels have the flexible capacity to operate these diverse fishery assessment projects with very little turnaround time.



**AP/AL:** Appropriation      **Project Type:** Construction  
**Category:** Health/Human Services  
**Location:** Fairbanks (Areawide)      **House District:** Fairbanks Areawide (HD 1-5)  
**Impact House District:** Fairbanks Areawide (HD 1-5)      **Contact:** Amy Burke  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023      **Contact Phone:** (907)465-1624

**Brief Summary and Statement of Need:**

The Fairbanks Youth Facility requires extensive renovation and construction. The construction work will consist of replacement of the treatment unit, which will eliminate a long list of safety and security weaknesses. Development of a secure facility entry point that will include a screening area, an intake, transfer and release station, and a medical suite comprise the major projects that will correct most of the deficiencies in the facility. Replacement of antiquated heating, electrical, and plumbing systems will also be addressed in this renovation.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$16,411,000						\$16,411,000
<b>Total:</b>	\$16,411,000	\$0	\$0	\$0	\$0	\$0	\$16,411,000

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

**Problem Statement:**

The Fairbanks Youth Facility provides a detention program for boys and girls, treatment services for boys, and provides space for Fairbanks juvenile probation staff. Line of sight observation is not possible in the aging treatment unit, making supervision very difficult and increasing staff and resident safety and security concerns. Replacement of the treatment unit will eliminate a long list of safety and security concerns. Development of a secure facility entry point that will include a screening area, an intake, transfer and release station, and a medical suite comprise the major projects that will correct most of the deficiencies in the facility. The building (originally constructed in 1970) has antiquated mechanical systems that are in need of replacement, including heating, electrical and plumbing. The remaining section of the treatment unit will be repurposed for adequate program and storage space.

Over the past five years, DHSS has invested over \$713,000 for deferred maintenance projects at the facility. The current amount of unfunded deferred maintenance projects for the facility is \$2.6 million. If this request is not funded, DHSS will need to spend \$1.1 million immediately to replace the aging and deteriorating exterior siding, windows, and the heating and ventilation system.

**Proposal:****1. Intake, Detention and Screening**

- a. Construct an addition and renovation project that provides a safe environment for police officers to escort juveniles to the facility's intake area;
- b. Provide a secure screening area for all visitors by renovating the building's primary entry point. This modification will reduce the risk of visitors entering the facility with weapons or other contraband;
- c. Add a new larger classroom that will increase educational opportunities;
- d. Relocate the medical suite adjacent to the new intake area, allowing for medical screening to take place immediately after the youth enters the facility; and
- e. Relocate Mental Health Clinician office to be off the dayroom for improved response to mental health needs.

**2. Treatment**

- a. Construct a new treatment unit; this will be a 14-bed unit (12 regular rooms and 2 observation cells for improved short-term behavior management of high risk youth) similar to the units at the McLaughlin Youth Center in Anchorage and at the Johnson Youth Center in Juneau; and
- b. Relocate Mental Health Clinician office to be off the dayroom for improved response to mental health needs.

**3. Campus-Wide Projects**

- a. Construct an outdoor recreation area to provide residents with a secure outdoor activity area. Large muscle activity reduces the risk of several illnesses including obesity, diabetes, hypertension, and heart disease. Exercise allows a positive outlet for group socialization and has been found to reduce anxiety in incarcerated populations;
- b. Create a loading dock for secure delivery of program related products, food and laundry; and
- c. Upgrade mechanical systems, such as ventilation, heating and electrical.

**4. Probation and Administration**

- a. Create safe interview rooms for the juvenile probation officers. Currently probation staff hold interviews with youth and families in their offices; and
- b. Create a urinalysis sample toilet room, improving confidentiality of youth.

**5. Workforce, Transition and Education Development**

- a. Repurpose existing south wing of the current treatment unit to create a new vocational and transitional employment related classroom space that will allow for hands-on learning, such as employment seminars and workshops; and
- b. Allow opportunities for community partnerships that address youth risks and needs.

**Pioneer Homes Deferred Maintenance, Renovation, Repair and Equipment**      **FY2019 Request: \$15,125,377**  
**Reference No: 37934**

**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:** 06/01/2019 - 06/30/2023      **Contact Phone:** (907)465-1624

**Brief Summary and Statement of Need:**

Deferred maintenance for Pioneer Homes statewide as well as the Veterans Home in Palmer, including immediate and critical renewal, repair, replacement and equipment. The department is responsible for operating and maintaining the six Pioneer Homes throughout the state. Locations are Anchorage, Fairbanks, Juneau, Ketchikan, Palmer, and Sitka.

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$15,125,377	\$3,435,673	\$1,290,311	\$1,290,311	\$1,290,311	\$1,290,311	\$23,722,294
<b>Total:</b>	<b>\$15,125,377</b>	<b>\$3,435,673</b>	<b>\$1,290,311</b>	<b>\$1,290,311</b>	<b>\$1,290,311</b>	<b>\$1,290,311</b>	<b>\$23,722,294</b>

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

- Sec16 Ch1 SLA2017 P21 L14 SB23 \$773,432
- Sec1 Ch2 SLA2016 P5 L4 SB138 \$1,417,500
- Sec1 Ch18 SLA2014 P54 L28 SB119 \$3,918,940
- Sec1 Ch16 SLA2013 P67 L33 SB18 \$4,000,000
- Sec1 Ch17 SLA2012 P119 L14 SB160 \$4,000,000
- Sec1 Ch5 SLA2011 P85 L31 SB46 \$4,000,000
- Sec4 Ch43 SLA2010 P12 L15 SB230 \$4,000,000
- Sec1 Ch15 SLA2009 P16 L4 SB75 \$800,000
- Sec13 Ch29 SLA2008 P150 L8 SB221 \$3,187,700
- Sec4 Ch30 SLA2007 P95 L23 SB53 \$1,200,000
- Sec1 Ch82 SLA2006 P73 L27 SB231 \$2,000,000
- Sec1 Ch3 SLA2005 P57 L5 SB46 \$1,550,000
- Sec1 Ch159 SLA2004 P27 L3 SB283 \$750,000
- Sec1 Ch82 SLA2003 P29 L3 SB100 \$1,000,000
- Sec1 Ch82 SLA2003 P103 L12 SB100 \$506,700

**Project Description/Justification:**

**Pioneer Homes Deferred Maintenance, Renovation, Repair and Equipment**      **FY2019 Request: \$15,125,377**  
**Reference No: 37934**

The six State Pioneer Homes all operate on a 24-hour basis, serving a combined capacity of over 600 residents; the homes have a cumulative square footage of approximately 450,000 square feet, and a combined replacement value of \$320,000,000. The facilities have deferred maintenance needs resulting from heavy usage by staff and residents. These project 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 118 deferred maintenance projects needing to be completed with a combined project cost in excess of \$19.3 million.

Each 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.

<b>Building</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Alaska Veterans and Pioneer Home	The concrete walking surfaces in the inner courtyard are frost heaved and pose a major trip hazard to the residents.	\$53.3	Palmer	11-F
Alaska Veterans and Pioneer Home	Investigate the addition of a chiller that would provide Heating Ventilation and Air Conditioning coverage to areas of home that are currently under supplied.	\$56.5	Palmer	11-F
Alaska Veterans and Pioneer Home	Domestic water supply piping is aged and leaking. Replacement is needed.	\$172.0	Palmer	11-F
Alaska Veterans and Pioneer Home	The existing electrical main distribution panels are in need of replacement.	\$66.2	Palmer	11-F
Alaska Veterans and Pioneer Home	Replace the aging laundry room resilient sheet flooring.	\$11.0	Palmer	11-F
Alaska Veterans and Pioneer Home	The metal roof flashing facility wide is showing evidence of leaking and is in need of replacement.	\$191.4	Palmer	11-F
Alaska Veterans and Pioneer Home	Remove original damaged and asbestos containing vinyl composite tiles and install new resilient flooring.	\$76.5	Palmer	11-F
Alaska Veterans and Pioneer Home	The existing telephone patch panel is in need of replacement.	\$33.1	Palmer	11-F
Alaska Veterans and Pioneer Home	Sanitary waste lines throughout the facility are in need of scoping and cleaning.	\$35.3	Palmer	11-F
Alaska Veterans and Pioneer Home	Install a dry sprinkler system in the exterior alcoves for the future skilled nursing program.	\$124.1	Palmer	11-F
Alaska Veterans and Pioneer Home	Seal parking lot and repaint striping.	\$25.6	Palmer	11-F
Alaska Veterans and Pioneer Home	The current roof and corresponding	\$499.8	Palmer	11-F

**Pioneer Homes Deferred Maintenance, Renovation, Repair and Equipment**

**FY2019 Request: \$15,125,377**  
**Reference No: 37934**

<b>Building</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Pioneer Home	support beams require repair to maintain structural integrity. The current level of roof deterioration causes water to reach the support beams. The water damaged support beams are weakened and in need of replacement.			
Alaska Veterans and Pioneer Home	Replace the facilities parking lot and site lighting with a more energy efficient LED lighting system.	\$54.8	Palmer	11-F
Alaska Veterans and Pioneer Home	Replace the facilities thirty three year old 150KW emergency generator.	\$415.2	Palmer	11-F
Alaska Veterans and Pioneer Home	The wall coverings are peeling and in need of replacement.	\$45.9	Palmer	11-F
Alaska Veterans and Pioneer Home	Install new through-wall, power-louvered exhaust fans in thirty resident bathrooms.	\$28.3	Palmer	11-F
Alaska Veterans and Pioneer Home	Construct a sound barrier wall around the chiller, which is adjacent to a resident room.	\$19.8	Palmer	11-F
Alaska Veterans and Pioneer Home	Replace the aged exterior windows with a more energy efficient window system.	\$155.0	Palmer	11-F
Anchorage Pioneer Home	Renovate the dishwasher and surrounding area. Install new flooring and repair water damaged walls.	\$206.8	Anchorage	25-M
Anchorage Pioneer Home	Replace the Direct Digital Control actuator valves for the heating and ventilation system. Repair and isolate fan F-2 from downstream devices.	\$135.6	Anchorage	25-M
Anchorage Pioneer Home	The boilers and heat Pumps in the North Building are inefficient and approaching the end of their life expectancy.	\$441.7	Anchorage	25-M
Anchorage Pioneer Home	Renovate and modernize the resident tub room 162.	\$71.1	Anchorage	25-M
Anchorage Pioneer Home	Install a new automatic transfer switch for the North Building's emergency generator.	\$67.1	Anchorage	25-M
Anchorage Pioneer Home	Replace the existing natural gas generator with one that runs on diesel. Includes a diesel fuel storage tank and fueling system.	\$180.4	Anchorage	25-M
Anchorage Pioneer Home	The janitorial mop sinks are broken, leaking and need replacement.	\$18.8	Anchorage	25-M

**Pioneer Homes Deferred Maintenance, Renovation, Repair and Equipment**

**FY2019 Request: \$15,125,377**  
**Reference No: 37934**

<b>Building</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Fairbanks Pioneer Home	The existing roof does not meet snow load requirements. A newly designed roofing system is needed.	\$1,802.0	Fairbanks	1-A
Fairbanks Pioneer Home	The existing pneumatic Direct Digital Controls smoke damper controls are aging and experiencing leaks. This system requires an upgrade to electric	\$141.6	Fairbanks	1-A
Fairbanks Pioneer Home	Replace the broken concrete sidewalks and courtyard concrete surfaces that pose a trip hazard to the residents and staff.	\$157.1	Fairbanks	1-A
Fairbanks Pioneer Home	Replace the fluorescent lighting facility wide and convert to light emitting diode (LED) fixtures.	\$155.0	Fairbanks	1-A
Fairbanks Pioneer Home	Replace the outdated and inefficient finned tube radiant heaters in the resident rooms.	\$382.7	Fairbanks	1-A
Fairbanks Pioneer Home	The routinely accessed crawl space has an inadequate plug in work light system and would require a code compliant lighting system.	\$27.3	Fairbanks	1-A
Fairbanks Pioneer Home	Replace the broken concrete sidewalks and courtyard concrete surfaces that pose a trip hazard to the residents and staff.	\$210.5	Fairbanks	1-A
Fairbanks Pioneer Home	Expand the shipping and receiving area to enable more efficient processing of a high volume of incoming supplies.	\$160.7	Fairbanks	1-A
Fairbanks Pioneer Home	The front administrative office rooms are uncomfortably warm during the warmer seasons. Provide HVAC cooling to the front office rooms.	\$62.9	Fairbanks	1-A
Fairbanks Pioneer Home	Refurbish the soon to be empty generator room by dividing the room into two separate rooms. One room would house the server room equipment and the new phone system. The other room would house the walk-in cooler and freezer condensers.	\$91.0	Fairbanks	1-A
Fairbanks Pioneer Home	Replace exterior pole lights around back of building. Old incandescent 10' pole lights are erratically spaced and provide very poor lighting in the winter time. Install new LED type fixtures.	\$76.9	Fairbanks	1-A

**Pioneer Homes Deferred Maintenance, Renovation, Repair and Equipment**

**FY2019 Request: \$15,125,377**  
**Reference No: 37934**

<b>Building</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Fairbanks Pioneer Home	Gutter and downspout upgrades are needed to prevent dangerous walkway ice from forming.	\$114.8	Fairbanks	1-A
Fairbanks Pioneer Home	A covered drive-through entryway is required to allow for a safe and weather resistant area to load and unload residents into transportation vehicles.	\$684.3	Fairbanks	1-A
Fairbanks Pioneer Home	The facility staff has researched an in-house communication system that would replace hand-held two-way radios. Purchase and install the new system known as Vocera.	\$251.4	Fairbanks	1-A
Fairbanks Pioneer Home	The interior doors are showing signs of wear, tear and aging. The doors should be replaced as funding allows.	\$103.3	Fairbanks	1-A
Fairbanks Pioneer Home	The parking area surface is exhibiting cracking and uneven surface issues. Patching and resealing the lot is required.	\$67.5	Fairbanks	1-A
Fairbanks Pioneer Home	A new parking area requires the installation of automotive heater plug-in stations.	\$157.8	Fairbanks	1-A
Fairbanks Pioneer Home	Replace the broken and settled loading dock slab.	\$29.7	Fairbanks	1-A
Fairbanks Pioneer Home	The exterior hollow metal doors have exceeded their useful life and should be replaced.	\$41.8	Fairbanks	1-A
Fairbanks Pioneer Home	Remove asbestos containing vinyl composite tiles throughout facility and replace with new.	\$95.7	Fairbanks	1-A
Fairbanks Pioneer Home	Casework in resident rooms facility wide is in need of replacement.	\$478.4	Fairbanks	1-A
Fairbanks Pioneer Home	Replace the original exterior windows facility wide with a more energy efficient system.	\$694.6	Fairbanks	1-A
Fairbanks Pioneer Home	The exterior paint is showing signs of age and is in need of repainting.	\$210.5	Fairbanks	1-A
Fairbanks Pioneer Home	Install new cabinets and appliances in the Homestead kitchen.	\$85.5	Fairbanks	1-A
Fairbanks Pioneer Home	Replace carpeting in main hallways. Existing carpet is worn and poses a tripping hazard to the aged residents and staff.	\$127.4	Fairbanks	1-A
Fairbanks Pioneer Home	Replace the old outdated battery	\$30.6	Fairbanks	1-A

**Pioneer Homes Deferred Maintenance, Renovation, Repair and Equipment**

**FY2019 Request: \$15,125,377**  
**Reference No: 37934**

<b>Building</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Fairbanks Pioneer Home	powered emergency lighting wall packs. Replace the fire alarm panel and associated visual alert systems in the garage building.	\$18.2	Fairbanks	1-A
Fairbanks Pioneer Home	Replace the garage furnaces as they are approaching the end of their useful life.	\$57.4	Fairbanks	1-A
Juneau Pioneer Home	The exterior siding and trim work needs to be cleaned and painted to protect the siding from the chronic southeast damp and wet weather conditions.	\$85.2	Juneau	34-Q
Ketchikan Pioneer Home	Replace worn and damaged interior doors and hardware. Some exit and stairwell fire doors are warped to the point of not latching properly, which creates a problem with the wander-guard life safety equipment.	\$363.0	Ketchikan	36-R
Ketchikan Pioneer Home	The inner and outer entry door system is in need of replacement.	\$62.6	Ketchikan	36-R
Ketchikan Pioneer Home	Replace carpeting in the second floor common areas.	\$105.5	Ketchikan	36-R
Ketchikan Pioneer Home	Resident bathrooms are original to the building and require replacement. Urine deterioration to tile, grout lines and age are factors in the replacement.	\$353.3	Ketchikan	36-R
Ketchikan Pioneer Home	Ceiling tile, paint and wainscot is in need of upgrades at the second floor hall	\$209.2	Ketchikan	36-R
Ketchikan Pioneer Home	Decommission, or remove the existing underground heating fuel storage tank and replace it with an above ground heating fuel storage tank.	\$464.7	Ketchikan	36-R
Ketchikan Pioneer Home	Sidewalks are in need of resurfacing as they are heavily pitted and damaged, creating uneven walking surfaces.	\$225.3	Ketchikan	36-R
Ketchikan Pioneer Home	Repaving and restriping, along with localized work where failure of subgrade material is evident.	\$26.8	Ketchikan	36-R
Ketchikan Pioneer Home	Construction of a drive-thru canopy along the building's west elevation is required for ADA access.	\$530.0	Ketchikan	36-R
Ketchikan Pioneer Home	Security fencing is needed in some areas of the property as constant traffic from transient population at low-cost	\$30.9	Ketchikan	36-R



**Pioneer Homes Deferred Maintenance, Renovation, Repair and Equipment**

**FY2019 Request: \$15,125,377**  
**Reference No: 37934**

<b>Building</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
	housing residence and city park next door are damaging grounds.			
Ketchikan Pioneer Home	Upgrade the resident room vanities, closet inserts, casework, sinks and mirrors.	\$478.8	Ketchikan	36-R
Sitka Pioneer Home	Exposed plumbing and older cracked tiles on floors and walls requires complete 2-North and 3-North tub room upgrades.	\$426.6	Sitka	35-R
Sitka Pioneer Home	Four outdated supply and return fuel lines from the fuel tank to the boilers and generator are at the end of their useful life and need to be replaced.	\$24.5	Sitka	35-R
Sitka Pioneer Home	Recondition and paint exterior surfaces in order to minimize moisture ingress. Exterior wall surfaces and finish have been compromised by exposure to the elements.	\$926.2	Sitka	35-R
Sitka Pioneer Home	Stone-and-mortar rock walls are in need of repair to restore their condition.	\$32.7	Palmer	11-F
Sitka Pioneer Home	Stone-and-mortar rock walls are in need of repair to restore their condition.	\$127.1	Sitka	35-R
Sitka Pioneer Home	Electricity Expenses have quadrupled within the last year as new city dam project comes online. Convert all lights to LED.	\$186.7	Sitka	35-R
Sitka Pioneer Home	North Wing has torn and separated wall and flooring finishes and needs replacement	\$294.8	Sitka	35-R
Sitka Pioneer Home	Replace all exterior window screens	\$65.4	Sitka	35-R
Sitka Pioneer Home	Renovate and repair the balcony parapet walls.	\$40.6	Sitka	35-R
Sitka Pioneer Home	Power wash, repair and paint exterior stucco wall finishes.	\$42.7	Sitka	35-R
Sitka Pioneer Home	1-North wing has reduced airflow and exhaust. Professional review and follow up design services are required.	\$27.9	Sitka	35-R
Sitka Pioneer Home	Electricity Expenses have quadrupled within the last year as new city dam project comes online. Convert all lights to LED.	\$14.6	Sitka	35-R
Sitka Pioneer Home	The greenhouse has five exhaust fans with exterior louvers and seven polycarbonate windows that are all in	\$57.1	Sitka	35-R

**Pioneer Homes Deferred Maintenance, Renovation, Repair and Equipment**

**FY2019 Request: \$15,125,377**  
**Reference No: 37934**

<b>Building</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
	need of replacement.			
Sitka Pioneer Home	Hardwood flooring installed on the Chapel stage is in need of refinishing	\$15.1	Sitka	35-R
Sitka Pioneer Home	The second and third floors of the North Wing need existing fabric wall covering removed, patched and painted.	\$93.0	Sitka	35-R
Sitka Pioneer Home	The degraded hardwood floors are in need of refinishing to restore their overall condition.	\$41.0	Sitka	35-R
Sitka Pioneer Home	Electricity Expenses have quadrupled within the last year as new city dam project comes online. Convert all lights to LED.	\$14.6	Sitka	35-R
Sitka Pioneer Home	The damaged hardwood flooring is in need of refinishing to restore its condition and provide a smooth walking surface for the residents.	\$42.9	Sitka	35-R
Sitka Pioneer Home	Electricity Expenses have quadrupled within the last year as new city dam project comes online. Convert all lights to LED.	\$14.6	Sitka	35-R
		\$15,125.4		

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

**FY2019 Request: \$5,043,809**  
**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:** 06/01/2019 - 06/30/2023

**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.

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1002 Fed Rcpts	\$78,133	\$78,133	\$29,657	\$29,657	\$29,657	\$29,657	\$274,894
1004 Gen Fund	\$4,965,676	\$2,482,787	\$1,048,550	\$1,048,550	\$1,048,550	\$1,048,550	\$11,642,663
<b>Total:</b>	<b>\$5,043,809</b>	<b>\$2,560,920</b>	<b>\$1,078,207</b>	<b>\$1,078,207</b>	<b>\$1,078,207</b>	<b>\$1,078,207</b>	<b>\$11,917,557</b>

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**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
- Sec1 Ch1 SLA2002 P40 L15 SB2006 \$1,400,000

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

**FY2019 Request: \$5,043,809**  
**Reference No: 31862**

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 152 deferred maintenance projects needing to be completed with a combined project cost in excess of \$13 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.

<b>Facility</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Dillingham Health Center	The rear door and an office window are in need of replacement. Both are drafty and contribute to heat loss.	\$5.8	Dillingham	37-H
Fairbanks Health Center	The copper heat lines that carry glycol are showing signs of leakage and end of useful life. Repair and replace the copper pipe as necessary.	\$82.7	Fairbanks	1-A
Fairbanks Health Center	The faulty fire alarm control panel and associated equipment needs to be replaced.	\$60.3	Fairbanks	1-A
Fairbanks Youth Facility	The entryway needs to be upgraded to allow for ADA and	\$21.4	Fairbanks	1-A

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

**FY2019 Request: \$5,043,809**  
**Reference No: 31862**

<b>Facility</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
	safer access versus the current ADA access at the rear of the facility.			
Fairbanks Youth Facility	The copper hot water recirculation pipes are beginning to develop pin hole leaks. These recirculation lines should be replaced.	\$148.9	Fairbanks	1-A
Fairbanks Youth Facility	The detention suite windows should have privacy screens installed on them so that residents cannot communicate with outsiders. This project resulted from cutting down some trees that provided natural visual barriers.	\$24.0	Fairbanks	1-A
Fairbanks Youth Facility	Replace aged and deficient carpet throughout the facility which poses a tripping hazard.	\$108.0	Fairbanks	1-A
Fairbanks Youth Facility	To ensure the safety and security of residents and staff, replace exterior entry doors at Probation, Administration, Old School and kitchen entrance. Add electronic security controls to kitchen entrance.	\$68.4	Fairbanks	1-A
Fairbanks Youth Facility	Remove existing obsolete control system and replace with a circuit breaker panel.	\$120.4	Fairbanks	1-A
Fairbanks Youth Facility	Install a make-up air unit in the boiler room to offset excessive heat gain and ensure efficiency in the operation of the boilers.	\$71.8	Fairbanks	1-A
Fairbanks Youth Facility	Current heating and ventilation system is very inefficient and inadequate . A design study is needed to evaluate the inefficiencies and plan replacement.	\$29.2	Fairbanks	1-A
Fairbanks Youth Facility	The sewer lift station control panel and alarms are obsolete and need replacing.	\$31.2	Fairbanks	1-A
Fairbanks Youth Facility	Some piping and valves in the boiler room are close to failure and need to be replaced and others need to be insulated.	\$35.3	Fairbanks	1-A

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

**FY2019 Request: \$5,043,809**  
**Reference No: 31862**

<b>Facility</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Fairbanks Youth Facility	Approximately 20 doors throughout the facility require the installation of glass viewing portals to enhance employee and resident interaction safety and security.	\$56.5	Fairbanks	1-A
Fairbanks Youth Facility	The Treatment area laundry room is very confining. The laundry room and an adjacent room need to be professionally reviewed to allow for a design and renovation that would combine the two rooms.	\$79.5	Fairbanks	1-A
Fairbanks Youth Facility	The nurses suite is in need of professional design to expand the outdated and cramped space.	\$88.3	Fairbanks	1-A
Fairbanks Youth Facility	Replace hot food well, walk in refrigerator and other kitchen appliances in need of upgrade.	\$90.9	Fairbanks	1-A
Johnson Youth Facility	Install a protection canopy over the treacherous, icy and slippery walkway between buildings.	\$258.3	Juneau	34-Q
Johnson Youth Facility	Stop dangerous icing conditions by installing underground drain pipes to connect the Annex downspouts to the main storm drain system.	\$93.0	Juneau	34-Q
Johnson Youth Facility	Pavement in disrepair. Patch, repair, sealcoat and stripe all the parking areas. Especially the area outside of the Annex gym building.	\$26.5	Juneau	34-Q
Johnson Youth Facility	Storage sheds need foundation, site repairs and re-roofing, as they are failing due to no foundation on soft, wet frost receptive ground.	\$66.8	Juneau	34-Q
Johnson Youth Facility	Replace the fuel monitoring systems at the Annex and Treatment buildings.	\$38.9	Juneau	34-Q
Johnson Youth Facility	The Heat Coil Units are showing signs of degradation and are in need of replacement.	\$45.9	Juneau	34-Q
Johnson Youth Facility	Replace 18 wood frame windows in the Administration/Probation building with new vinyl clad windows.	\$59.6	Juneau	34-Q
Johnson Youth Facility	The heating coil units are severely degraded and in need of	\$42.4	Juneau	34-Q

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

**FY2019 Request: \$5,043,809**  
**Reference No: 31862**

<b>Facility</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Johnson Youth Facility	replacement. The concrete walkway between The Annex & Treatment building is pitted and uneven in places. It should be replaced with a new walking surface.	\$75.6	Juneau	34-Q
Juneau Health Center	Residential ducting is too restrictive for efficiency of the heat pumps. Upgrades to the ducting air flow and thermostats to provide remote heat sensors for each of the four thermostats.	\$197.6	Juneau	34-Q
Juneau Health Center	Re-painting of the building exterior is needed to stop the siding deterioration. Existing windows are old and losing integrity. New insulated, Argon filled or Low E type windows will help stabilize building temperatures and prevent extreme heat loss.	\$214.7	Juneau	34-Q
Juneau Health Center	The heat pumps are problematic and are requested to be replaced.	\$150.0	Juneau	34-Q
Juneau Health Center	Interior and exterior light emitting diode (LED) Light conversion is required along with ceiling fan installation at high ceiling locations for efficiency.	\$47.4	Juneau	34-Q
Juneau Health Center	The driveway needs to be sealed and striped.	\$5.7	Juneau	34-Q
Juneau Health Center	Install a generator that will serve as a power outage back-up for preservation of vaccines.	\$198.6	Juneau	34-Q
Juneau Health Center	Repair or replacement of the plumbing system is needed according to the past results and study.	\$72.4	Juneau	34-Q
Juneau Health Center	Upgrade the facility thermostats to provide remote heat and air sensors for each of the four thermostats. Upgrade the thermostat wiring devices and relocate the control boxes and relays to allow for averaging the building temperature.	\$20.9	Juneau	34-Q

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

**FY2019 Request: \$5,043,809**  
**Reference No: 31862**

<b>Facility</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
McLaughlin Youth Center	Repair the dilapidated cottage walkway canopies to include; repair roofing and the removal, cleaning and repainting of corrosion at column bases.	\$74.1	Anchorage	25-M
McLaughlin Youth Center	The boilers and air handlers are old and inefficient. Upgrade the heating and ventilation system in Cottages 1-5.	\$342.0	Anchorage	25-M
McLaughlin Youth Center	Plumbing fixtures and finishes in four washrooms for the cafeteria and kitchen are severely degraded and must be replaced.	\$59.5	Anchorage	25-M
McLaughlin Youth Center	Install energy efficient lighting fixtures throughout the building.	\$66.7	Anchorage	25-M
McLaughlin Youth Center	Replace damaged wall paneling in washrooms.	\$18.0	Anchorage	25-M
McLaughlin Youth Center	Carpet throughout the building is aged and poses a tripping hazard.	\$42.6	Anchorage	25-M
McLaughlin Youth Center	The replacement of carpet flooring throughout the cottage is needed.	\$30.6	Anchorage	25-M
McLaughlin Youth Center	Painting of interior wall surfaces is needed throughout the building.	\$45.9	Anchorage	25-M
McLaughlin Youth Center	Replace the vinyl floor tile to maintain safe walking surfaces in the building.	\$13.2	Anchorage	25-M
McLaughlin Youth Center	Carpet in Cottage 4 is worn and must be replaced.	\$85.5	Anchorage	25-M
McLaughlin Youth Center	Exterior siding is degraded and in need of repair to minimize the risk of moisture infiltration into the building envelope.	\$256.3	Anchorage	25-M
McLaughlin Youth Center	Replace lighting with energy efficient fixtures.	\$68.9	Anchorage	25-M
McLaughlin Youth Center	Replace the high energy metal halide light fixtures and lamp standards in lots A, B, C and D with high efficiency LED lighting.	\$191.4	Anchorage	25-M
McLaughlin Youth Center	Replace in its entirety, the hot water heating distribution piping.	\$38.3	Anchorage	25-M
McLaughlin Youth Center	Replacement of the exterior wood deck is needed to maintain safe and structurally sound walking surfaces.	\$14.5	Anchorage	25-M



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

**FY2019 Request: \$5,043,809**  
**Reference No: 31862**

<b>Facility</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
McLaughlin Youth Center	Based on age and condition, replacement of the exterior wood deck is required to maintain safe and structurally sound walking surfaces.	\$14.9	Anchorage	25-M
Nome Youth Facility	Sand blast and paint the thermo-siphon pilings. Grade to level areas around piling that have frost heaved or lifted.	\$93.0	Nome	39-T
Nome Youth Facility	Exterior cement board siding is deteriorating and in need of replacement. Metal siding would be preferred for this harsh climate.	\$427.1	Nome	39-T
Nome Youth Facility	Gravel surfaces are in need of re-grading so that storm water and snow/ice melt may be diverted away from the facility's foundation to reduce damage.	\$12.3	Nome	39-T
Nome Youth Facility	Replace worn and damaged resilient flooring and carpeting throughout the facility.	\$122.5	Nome	39-T
Nome Youth Facility	Re-painting of the Main Building and Workshop exterior walls is required to prevent further deterioration.	\$47.8	Nome	39-T
Sitka Health Center	The facility needs to have a sink installed for their break room as they are washing dishes in the unsanitary bathroom small sink.	\$23.0	Sitka	35-R
Sitka Health Center	Exterior lights are failing Metal Halide fixtures in need of replacement. Power consumption is extreme and needs upgrade to LED.	\$54.5	Sitka	35-R
Sitka Health Center	Exterior is showing signs of mold and deterioration. Needs mold removal cleaning and painting.	\$25.7	Sitka	35-R
Sitka Health Center	Seal coat and stripping of aged asphalt pavement on the property needed.	\$19.4	Sitka	35-R
Sitka Health Center	Front door needs new closure and latch hardware.	\$5.1	Sitka	35-R
Sitka Health Center	Replacement of window blinds is needed.	\$36.1	Sitka	35-R

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

**FY2019 Request: \$5,043,809  
Reference No: 31862**

<b>Facility</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
<hr/>		\$4,965.7		

**AVTEC Deferred Maintenance, Renovation, Repair and Equipment**

**FY2019 Request: \$2,500,000**  
**Reference No: 62588**

**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:** Paloma Harbour  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023 **Contact Phone:** (907)465-5984

**Brief Summary and Statement of Need:**

This project funds critical deferred maintenance, renewal, replacement, repair, renovation, repurposing, and other miscellaneous capital projects for the Department of Labor and Workforce Development.

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$2,500,000						\$2,500,000
<b>Total:</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500,000</b>

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

<b>Allocation</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
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 project.	400.0	Seward	29
AVTEC Student Life Campus	AVTEC received deferred maintenance funding to conduct Cafeteria safety and health renovations. A facility needs assessment	350.0	Seward	29

**AVTEC Deferred Maintenance, Renovation, Repair and Equipment**

**FY2019 Request:  
Reference No:**

**\$2,500,000  
62588**

	found renovation costs significantly exceeded original cost estimates. AVTEC broke the project into two phases and needs additional funding to complete the project.			
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
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
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
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
		2,550.0		

**Joint Base Elmendorf-Richardson (JBER) Deferred Maintenance**

**FY2019 Request: \$1,550,000**  
**Reference No: 62579**

**AP/AL:** Appropriation  
**Category:** Transportation  
**Location:** Statewide  
**Impact House District:** Statewide (HD 1-40)  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023

**Project Type:** Deferred Maintenance  
**House District:** Statewide (HD 1-40)  
**Contact:** Brian Duffy  
**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.

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$1,550,000						\$1,550,000
<b>Total:</b>	<b>\$1,550,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,550,000</b>

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

<b>Allocation</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Joint Base Elmendorf-Richardson	Repair and Restoration of outdated and broken fixture for command unit restrooms.	\$150.0	JBER	HD 13
Joint Base Elmendorf-Richardson	Outdated wing in Anchorage Armory needs complete restoration and office modification to include walls, carpet paint and fixtures,	\$1,000.0	JBER	HD 13

**Joint Base Elmendorf-Richardson (JBER) Deferred Maintenance**

**FY2019 Request: \$1,550,000**  
**Reference No: 62579**

Allocation	Project Description	Project Cost (\$00.0)	Location (City)	House District
	electrical and data.			
Joint Base Elmendorf-Richardson	Establish pedestrian cross walks for safety of personnel. Install lighting and spaces to meet UFC and ATFP, and ADA requirements.	\$400.0	JBER	HD 13
		\$1,550.0		

**DMVA - Statewide Deferred Maintenance**

**FY2019 Request: \$1,400,000**

**Reference No: 61863**

**AP/AL:** Appropriation  
**Category:** Public Protection

**Project Type:** Construction

**Location:** Statewide  
**Impact House District:** Statewide (HD 1-40)

**House District:** Statewide (HD 1-40)

**Estimated Project Dates:** 06/01/2019 - 06/30/2023

**Contact:** Bob Doehl  
**Contact Phone:** (907)428-6003

**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 Veteran Affairs.

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$1,400,000						\$1,400,000
<b>Total:</b>	\$1,400,000	\$0	\$0	\$0	\$0	\$0	\$1,400,000

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

<b>Allocation</b>	<b>Project Description</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
Statewide	Installing Fall Protection for all Roofs to meet safety compliance requirements of 29 CFR 1910 (OSHA)	\$250.0	Statewide	HD 1-40
Statewide	Required for Safety Compliance with NFPA 70E, Electrical survey, Electrical Panel Upgrades, Warning Placards, and stand off distances.	\$500.0	Statewide	HD 1-40
Statewide	Upgrade the entire controls system statewide	\$500.0	Statewide	HD 1-40

**DMVA - Statewide Deferred Maintenance**

**FY2019 Request: \$1,400,000**  
**Reference No: 61863**

Allocation	Project Description	Project Cost (\$00.0)	Location (City)	House District
	to operate on the new software protocol.			
Statewide	Add AST Monitoring Equipment for locations that AKARNG is maintaining	\$150.0	Statewide	HD 1-40
		\$1,400.0		



**DNR Facilities Deferred Maintenance and Renovation**

**FY2019 Request: \$1,235,000**

**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:** 06/01/2019 - 06/30/2023

**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 (including Shelving DGF)

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$985,000						\$985,000
1005 GF/Prgm	\$250,000						\$250,000
<b>Total:</b>	<b>\$1,235,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,235,000</b>

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

\$250,000 is needed for installation of protective gates or netting on shelves will help protect rock samples from destructive falls during earthquakes affecting the Anchorage area. Background, on January 24th, 2016 a magnitude 7.1 earthquake located over 170 miles to the southwest of Anchorage significantly disrupted sample boxes on hundreds of shelves in the new Geologic Materials Center (GMC). In the past, core samples from oil and gas wells were completely lost during the 1964 magnitude 9.2 earthquake.

\$985,000 Deferred Maintenance: Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

**DNR Facilities Deferred Maintenance and Renovation**

**FY2019 Request:**

**\$1,235,000**

**Reference No:**

**62582**

Allocation	Project Description	Project Cost (\$00.0)	Location (City)	HD
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 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.	150.0	Kenai	29
1 Parks & Outdoor Recreation - Mat-Su Area	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 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.	150.0	Mat-Su	7
Parks & Outdoor Recreation -	Chena River SRA - Twin Bears Camp: Install solar panel and battery power system	20.0	Northern	6

**DNR Facilities Deferred Maintenance and Renovation**

**FY2019 Request:**

**\$1,235,000**

**Reference No:**

**62582**

Allocation	Project Description	Project Cost (\$00.0)	Location (City)	HD
Northern Area				
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
Agriculture Plant Materials Center (PMC)	Seed Cleaning Facility for Improvements: 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
1 Statewide Forestry Facilities Deferred Maintenance	Wildland Fire Tanker Retardant Base Code Compliance Analysis: Tanker 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.	50.0	Statewide	40
	<b>\$ 985.0</b>			

**Public Safety Deferred Maintenance, Renovation, Repair and Equipment**      **FY2019 Request: \$3,760,000**  
**Reference No: 62586**

**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:** Kelly Howell  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023      **Contact Phone:** (907)269-5591

**Brief Summary and Statement of Need:**

Critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for Department of Public Safety including Alaska Wildlife Troopers Law Enforcement Equipment Replacement.

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$3,760,000						\$3,760,000
<b>Total:</b>	<b>\$3,760,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,760,000</b>

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

**Deferred Maintenance: \$3,460.0**

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

<b>Priority</b>	<b>Allocation</b>	<b>Project Title</b>	<b>Project Cost (\$00.0)</b>	<b>House District</b>
1	Public Safety Academy Facility	HVAC Replacement	\$800.0	35
2	Trooper post locations statewide	Ballistic entrance upgrade	\$990.0	1, 6, 7, 9, 29, 31, 32, 33, 35-40
3	State owned troopers	Building lifecycle and	\$950.0	6, 35-37

**Public Safety Deferred Maintenance, Renovation, Repair and Equipment**

**FY2019 Request: \$3,760,000**  
**Reference No: 62586**

Priority	Allocation	Project Title	Project Cost (\$00.0)	House District
	posts in rural Alaska	code compliant Inspection, assessment and corrections		
4	State owned troopers posts in rural Alaska	Energy assessment	\$720.0	6, 35-37
			<b>\$3,460.0</b>	

**Equipment: \$300.0**

This funding will purchase new and replacement law enforcement equipment for use by the Alaska Wildlife Troopers. The Alaska Wildlife Troopers rely on capital improvement project funding for purchase of equipment used for day-to-day operations in order to meet the department's mission of ensuring public safety and enforcing state laws by protecting lives, public peace and wildlife resources. The Alaska Wildlife Troopers also provide general law enforcement services to the citizens of Alaska, especially in rural communities and unincorporated areas. In many areas, Alaska Wildlife Troopers are the sole representatives of the Department of Public Safety and use this law enforcement equipment in responding to and investigating public safety issues.

This project will provide funding for the following types of equipment; however, other types of equipment may be purchased if deemed more mission critical than these items at the time of purchase.

**New and replacement electronic and office equipment: \$50.0**

This category of equipment includes digital cameras, computers, scanners, printers, and video and office equipment for use in crime scene and other documentation and evidence gathering. This category also includes the replacement of antiquated and irreparable office furniture such as desks and chairs.

**Law enforcement equipment: \$250.0**

This request would replace aging equipment used in search and rescue missions as well as fisheries and wildlife patrols. Types of equipment include snowmobiles, small boats, all-terrain vehicles (ATV), outboards, and trailers.

**DOTP&F Deferred Maintenance for Facilities, Highways, Bridges, Aviation, and Harbors**

**FY2019 Request: \$21,190,000**  
**Reference No: 62572**

**AP/AL:** Appropriation with Allocations

**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:** 06/01/2019 - 06/30/2023

**Contact Phone:** (907)465-3911

**Brief Summary and Statement of Need:**

Critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for Department of Transportation Facilities, Highways, Bridges, Aviation, and Harbors.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$21,190,000						\$21,190,000
<b>Total:</b>	\$21,190,000	\$0	\$0	\$0	\$0	\$0	\$21,190,000

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**DOTP&F Deferred Maintenance for Highways**

**FY2019 Request: \$10,000,000**

**Reference No: 62653**

**AP/AL:** Allocation

**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:** 06/01/2019 - 06/30/2023

**Contact Phone:** (907)465-3911

**Appropriation:** DOTP&F Deferred Maintenance for Facilities, Highways, Bridges, Aviation, and Harbors

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$10,000,000						\$10,000,000
<b>Total:</b>	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$10,000,000

State Match Required   
  One-Time Project   
  Phased - new   
  Phased - underway   
  On-Going  
 0% = Minimum State Match % Required   
  Amendment   
  Mental Health Bill

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

<b>Project Title</b>	<b>Project Description</b>	<b>Est. Project Cost</b>	<b>Location (City)</b>	<b>House District</b>
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
Area-Wide Asphalt Repair	Spot repairs to various paved roads	\$250.0	SE	Various

**DOTP&F Deferred Maintenance for Highways**

**FY2019 Request: \$10,000,000**

**Reference No: 62653**

<b>Project Title</b>	<b>Project Description</b>	<b>Est. Project Cost</b>	<b>Location (City)</b>	<b>House District</b>
Region-wide Culvert Repair	Repair, replace, or line failing culverts throughout the Region	\$1,000.0	Region-wide	
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
Region-Wide Guardrail Repair	Repair/replace damaged guardrail and end terminals throughout the region.	\$500.0		
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
Region-wide Brush cutting	Brush cutting and vegetative management (including IVMP) within the Fairbanks District boundaries. Reduced manpower and equipment requires 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
Kake Road Brush Cutting	Area wide vegetation management	\$30.0	Kake	5-C
Harbor Maintenance	Repair state owned harbors as needed	\$100.0	SR	
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 repave various sections from MP 28-72.	\$400.0	Livengood	6-C
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	\$500.0	Tok	6-C



**DOTP&F Deferred Maintenance for Highways**

**FY2019 Request: \$10,000,000**

**Reference No: 62653**

<b>Project Title</b>	<b>Project Description</b>	<b>Est. Project Cost</b>	<b>Location (City)</b>	<b>House District</b>
	deterioration of this section of highway.			
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
Eagle River Loop Asphalt Repair	Mill & Pave 1.885 centerline miles of Eagle River Loop	\$1,452.0	Eagle River	14
Old Edgerton Drainage Repairs	Drainage repairs. Clean ditches replace 6 damaged pipes. 0-11.8	\$350.0	Chitina	6-C
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 decrease the loss of fines on the road surface.	\$200.0	Nome	39-T
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
Haines Highways Brush Cutting	Area wide vegetation management	\$90.0	Haines	5-C
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
Mat-Su District Vegetation Control	Contract vegetation control along Mat-Su highways to augment existing crew capabilities.	\$300.0	MatSu District	7, 8, 9, 11
Peninsula District Brush Cutting	Cut brush in right-of way on roads throughout the Peninsula District.	\$300.0	Peninsula District	29, 31
Area-wide Crack Seal	Crack seal roads throughout the	\$80.0	SE	

**DOTP&F Deferred Maintenance for Highways**

**FY2019 Request: \$10,000,000**

**Reference No: 62653**

<b>Project Title</b>	<b>Project Description</b>	<b>Est. Project Cost</b>	<b>Location (City)</b>	<b>House District</b>
	District			
Copper River Hwy Highway Vegetation Management	Cut brush back from road surface and re-establish sight distance MP 0-36	\$50.0	Cordova	
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
Church Road Asphalt Repair	Mill and pave Church Road MP 0 to 4.118	\$600.0	Wasilla	9
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
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

\$10,257.0

**DOTP&F Deferred Maintenance for Bridges**

**FY2019 Request: \$1,300,000**  
**Reference No: 62652**

**AP/AL:** Allocation **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:** 06/01/2019 - 06/30/2023 **Contact Phone:** (907)465-3911  
**Appropriation:** DOTP&F Deferred Maintenance for Facilities, Highways, Bridges, Aviation, and Harbors

**Brief Summary and Statement of Need:**

Critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for Department of Transportation Facilities - Bridges.

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$1,300,000						\$1,300,000
<b>Total:</b>	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$1,300,000

<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
<u>One-Time Startup:</u>	0	
<b>Totals:</b>	0	0

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

<b>Project Title</b>	<b>Project Description</b>	<b>Est. Project Cost</b>	<b>Location (City)</b>	<b>House District</b>
Road to Tanana Bridge	Install bridge at Sullivan creek on the Road to Tanana.	\$450.0	Manley	
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

**DOTP&F Deferred Maintenance for Bridges**

**FY2019 Request: \$1,300,000**  
**Reference No: 62652**

<b>Project Title</b>	<b>Project Description</b>	<b>Est. Project Cost</b>	<b>Location (City)</b>	<b>House District</b>
District Wide Bridge Maintenance	Maintain bridges district wide in accordance with bridge report recommendations	\$100.0	SR	
Region-Wide Bridge Repair	Repair deficient bridge decks, railing, and structures to correct deficiencies and prolong life of the bridge.	\$500.0	Central Region	

**\$1,300.0**

**DOTP&F Deferred Maintenance for Aviation**

**FY2019 Request: \$5,000,000**

**Reference No: 62651**

**AP/AL:** Allocation

**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:** 06/01/2019 - 06/30/2023

**Contact Phone:** (907)465-3911

**Appropriation:** DOTP&F Deferred Maintenance for Facilities, Highways, Bridges, Aviation, and Harbors

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	Total
1004 Gen Fund	\$5,000,000						\$5,000,000
<b>Total:</b>	\$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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost</b>	<b>Location (City)</b>	<b>House District</b>
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
Sleetmute Airport Runway Repair	Purchase, haul, and place 3,000 yards of E-1. Shape, compact and apply dust palliative.	\$300.0	Sleetmute	
Takotna Runway	Repair damage to R/W from	\$600.0	Takotna	

**DOTP&F Deferred Maintenance for Aviation**

**FY2019 Request:  
Reference No:**

**\$5,000,000  
62651**

<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost</b>	<b>Location (City)</b>	<b>House District</b>
Repair	differential settlement.			
Interior Airport Lighting Repairs	Repair aging airfield lighting at four Airports – Kaltag, Bettles, Koyukuk and Huslia	\$85.0		39-T, 40-T
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
Ketchikan Airport Brush cutting	Cut brush on the entire airport	\$120.0	Ketchikan	1-A
Nelson Lagoon Airport Grading	Grade and compact the runway	\$45.0	Nelson Lagoon	38-S
Sand Point Airport Fence Repair	Install improved fencing and gate control access	\$300.0	Sand Point	37-S
Larson Bay Airport	Lighting system repairs, Windsock Pole Replacement	\$30.0	Larson Bay	36-S
Remove Ketchikan float plane dock ramp	Remove damaged float plane access dock	\$100.0	Ketchikan	1-A
Southwest District Vegetation Control	Cut and remove vegetation on Airport Property.	\$350.0	Southwest District	37, 38
Peninsula Airport Vegetation Control	Cut and remove vegetation on Airport Property.	\$200.0	Peninsula District	29, 31
Mat-Su District Vegetation Control	Cut and remove vegetation on Airport Property.	\$175.0	Matsu District	9
Kake Airport Brush Cutting	Cut brush in and around the RSA	\$60.0	Kake	5-C
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

**DOTP&F Deferred Maintenance for Aviation**

**FY2019 Request:  
Reference No:**

**\$5,000,000  
62651**

<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost</b>	<b>Location (City)</b>	<b>House District</b>
Anchorage District Vegetation Control	Cut and remove vegetation on Airport Property.	\$125.0	Anchorage	
Old Harbor Airport Resurfacing	Replace deteriorated surface course	\$200.0	Old Harbor	36-S
Port Lions Airport Brush Cutting	Brush cutting	\$20.0	Kodiak	36-R
Region-wide Gravel Stockpiles	Provide Surface Course E-1 at Rural Airports for repairs.	\$1,000.0	Central Region	
S Naknek lighting repairs	Repair lighting system	\$250.0	King Salmon	37-S
King Salmon airport Crack Seal	Crack seal west, south, east parking apron	\$100.0	King Salmon	37-S

**\$5,010.0**

**DOTP&F Deferred Maintenance for Facilities**

**FY2019 Request: \$4,890,000**  
**Reference No: 62650**

**AP/AL:** Allocation **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:** 06/01/2019 - 06/30/2023 **Contact Phone:** (907)465-3911  
**Appropriation:** DOTP&F Deferred Maintenance for Facilities, Highways, Bridges, Aviation, and Harbors

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1004 Gen Fund	\$4,890,000						\$4,890,000
<b>Total:</b>	\$4,890,000	\$0	\$0	\$0	\$0	\$0	\$4,890,000

<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
<u>One-Time Startup:</u>	0	
<b>Totals:</b>	0	0

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

<b>Dept. Priority</b>	<b>Project Title</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
1	Anchorage Aviation HQ - Upgrade Electrical System	\$520.0	Anchorage	22
2	Dillingham SEF Maintenance Shop - Replace Roof	\$205.0	Dillingham	37S
3	Kodiak Court Building Roofing Replacement	\$250.0	Kodiak	32
4	Sitka ARFF and M&O Siding Replacement	\$500.0	Sitka	35-R
5	Sitka Airport Lighting Regulator	\$100.0	Sitka	35-R



**DOTP&F Deferred Maintenance for Facilities**

**FY2019 Request: \$4,890,000**  
**Reference No: 62650**

<b>Dept. Priority</b>	<b>Project Title</b>	<b>Project Cost (\$00.0)</b>	<b>Location (City)</b>	<b>House District</b>
6	Building - Exterior Repairs Seven Mile M&O Shop Trench Drain	\$50.0	Juneau	34-Q
7	Ketchikan M&O Replace Shop Roof	\$80.0	Ketchikan	32P
8	Bethel SEF Maintenance Garage - Replace Roof	\$235.0	Bethel	38S
9	Anchorage Sign Shop - Replace Roof and Insulation	\$275.0	Anchorage	22
10	North Kenai Maintenance Station - Replace Siding	\$150.0	North Kenai	29O
11	Anchorage Chemical Storage Building - Roof and Siding Replacement	\$200.0	Anchorage	22
12	Kodiak Court - Replace Siding and Windows	\$325.0	Kodiak	32P
13	Replace/Renovate Diesel Generators and Electrical Distribution at Livengood Station.	\$500.0	Livengood Station	6C
14	McGrath SREB - Replace Roofing and Siding	\$250.0	McGrath	37S
15	Illiamna SREB - Replace Roofing and Siding	\$225.0	Illiamna	37S
16	Renew, Repair, Refurbish Nome Complex Buildings	\$200.0	Nome Complex	39T
17	Bethel SRE Building - Replace Roof and Siding	\$250.0	Bethel	38S
18	Cold Bay Warm Storage - Replace Roof, Siding, and Overhead Doors	\$250.0	Cold Bay	37S
19	Replace Peger Complex Supply Building Roof	\$325.0	Peger Complex Supply Building	1A
		<b>\$4,890.0</b>		

**Alaska Marine Highway System Vessels and Facilities** **FY2019 Request: \$3,141,500**  
**Deferred Maintenance** **Reference No: 30624**

**AP/AL:** Appropriation **Project Type:** Renewal and Replacement  
**Category:** Transportation  
**Location:** Statewide **House District:** Statewide (HD 1-40)  
**Impact House District:** Statewide (HD 1-40) **Contact:** Judy Chapman  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023 **Contact Phone:** (907)465-6971

**Brief Summary and Statement of Need:**

Alaska Marine Highway System Vessels and Facilities Deferred Maintenance. This project funds critical deferred maintenance, renewal, replacement, repair, renovation, repurposing and other miscellaneous capital projects for Department

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$3,141,500	\$15,500,000	\$15,000,000	\$15,000,000	\$15,000,000	\$15,000,000	\$78,641,500
<b>Total:</b>	<b>\$3,141,500</b>	<b>\$15,500,000</b>	<b>\$15,000,000</b>	<b>\$15,000,000</b>	<b>\$15,000,000</b>	<b>\$15,000,000</b>	<b>\$78,641,500</b>

<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	

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

**Prior Funding History / Additional Information:**

- Sec1 Ch19 SLA2018 P10 L8 SB142 \$13,500,000
- Sec21G Ch1 SLA2017 P24 L14 SB23 \$1,000,000
- Sec1 Ch1 SLA2017 P8 L8 SB23 \$11,000,000
- Sec1 Ch2 SLA2016 P7 L19 SB138 \$12,000,000
- Sec25(d) Ch38 SLA2015 P39 L25 SB26 \$10,000,000
- Sec1 Ch18 SLA2014 P63 L23 SB119 \$12,000,000
- Sec1 Ch16 SLA2013 P79 L4 SB18 \$10,000,000
- Sec1 Ch17 SLA2012 P136 L16 SB160 \$10,000,000
- Sec7 Ch17 SLA2012 P167 L26 SB160 \$5,455,000

**Project Description/Justification:**

<b>Dept. Priority</b>	<b>Allocation</b>	<b>Project Title</b>	<b>Project Cost (\$00.0)</b>
1	AMHS-Tustumena	Stabilizer Fin Maintenance	\$75.0
2	AMHS-Kennicott	Painting and Structure/Car Deck/Structural Fire Protection/Main Deck, P&S 5/19/2010	\$20.0

**Alaska Marine Highway System Vessels and Facilities  
Deferred Maintenance**

**FY2019 Request: \$3,141,500  
Reference No: 30624**

<b>Dept. Priority</b>	<b>Allocation</b>	<b>Project Title</b>	<b>Project Cost (\$00.0)</b>
3	AMHS - Leconte	Gauge Reefer Area on Car Deck	\$25.0
4	AMHS - LeConte	Car Deck Coatings	\$60.0
5	AMHS - Aurora	Bridge Windows	\$25.0
6	AMHS - Aurora	#1 Void Tank Re-Coat	\$75.0
7	AMHS-Fairweather	Mechanical and Electrical Systems/Piping/Salt Water - Corrosion Repairs/Hulls	\$24.0
8	AMHS-Lituya	Mechanical and Electrical Systems/Ancillary Machinery/Boiler Return Line Valve/Hold, Fr. 54, Port	\$1.0
9	AMHS - Aurora	Install AC System/Provide Ventilation	\$100.0
10	AMHS - Leconte	Install AC System/Provide Ventilation	\$100.0
11	AMHS - Leconte	WINDLASS AND CAPSTAN SURVEY	\$120.0
12	AMHS-Kennicott	Painting and Structure/Windows and Doors/Weather tight Door Replacement	\$100.0
13	AMHS - Kennicott	Side doors & Deck Prep & Paint	\$60.0
14	AMHS-Matanuska	Painting and Structure/Windows and Doors/Cracks in Blkhd near Windows/Boat Deck, Fr. 55, Starboard	\$30.0
15	AMHS-Malaspina	Mechanical and Electrical Systems/ Ancillary Machinery/Waste Heat Boilers	\$8.0
16	AMHS Kennicott	Painting and Structure/Tanks and Voids/ECC False Deck Failure/Second Deck, 3-91-2,	\$35.0
17	AMHS-Aurora	Public Spaces /Purser/wheel chair lift	\$7.5
18	AMHS - Aurora	Deck Drains	\$50.0
19	AMHS-Kennicott	Deck and Safety/Deck Machinery/Bridge Windows Icing	\$50.0
20	AMHS-Lituya	Mechanical and Electrical Systems/HVAC/Vent Damper/Foc's'le Deck, Fr. 20, Aft side of House	\$10.0
21	AMHS - Columbia	Repair Supply Fan Exterior Louvers	\$40.0
22	AMHS-Tustumena	New Brow Construction	\$40.0
23	AMHS-Columbia	Mechanical and Electrical Systems/Ancillary Machinery/Refrigeration Receiver	\$12.0

**Alaska Marine Highway System Vessels and Facilities  
Deferred Maintenance**

**FY2019 Request: \$3,141,500  
Reference No: 30624**

<b>Dept. Priority</b>	<b>Allocation</b>	<b>Project Title</b>	<b>Project Cost (\$00.0)</b>
24	AMHS - Aurora	Solarium Windows	\$50.0
25	AMHS - Aurora	Sandblast Forward and AFT Masts	\$100.0
26	AMHS-Kennicott	Chock Replacement	\$60.0
27	AMHS - Leconte	Bow Mooring Protection Box	\$5.0
28	AMHS-Lituya	Main Engine and Propulsion/Controls/Main Engine Monitoring/Main deck, 57, Starboard	\$10.0
29	AMHS-Matanuska	Deck and Safety/Communication (Inter-ship)/IJV Circuit Between Wheelhouse & BT	\$15.0
30	AMHS-Matanuska	Painting and Structure/Superstructure and Weather Decks/Bridge Weather Decks	\$50.0
31	AMHS-Tustumena	Passenger Staterooms/Joinery/Passenger Cabins /Promenade Deck, Deck 5, P&S	\$20.0
32	AMHS-Kennicott	Deck and Safety/Deck Machinery/Foredeck Chock Gratings/Boat Deck	\$10.0
33	AMHS-Kennicott	Mechanical and Electrical Systems/Piping/ Fuel Oil Transfer Pump	\$30.0
34	AMHS - Leconte	Cashier Station Phone Installation	\$1.0
35	AMHS - Leconte	E-Light Switch Installation	\$2.5
36	AMHS- Malaspina	Engineers Head Deck	\$12.0
37	AMHS-Kennicott	Mechanical and Electrical Systems/HVAC/Roomettes Air Supply/Sun Deck,	\$50.0
38	AMHS - Leconte	Reefer Flat Steel	\$35.0
39	AMHS - Kennicott	Galley Deck	\$30.0
40	AMHS - Kennicott	Deck Sockets	\$65.0
41	AMHS - Kennicott	Curtain Plate Steel	\$83.0
42	AMHS - Matanuska	Replace Galley Ovens	\$28.0
43	AMHS - Columbia	Shaft Alley Deck Plates	\$45.0
44	AMHS - Columbia	Boiler Burner and Controls	\$160.0
			<b>\$1,929.0</b>

**TERMINAL PROJECTS**

1	AMHS-Haines Terminal	Bathroom Rehab/door replacement	\$125.0
2	AMHS-Sitka	Replace Exterior Doors	\$2.5

**Alaska Marine Highway System Vessels and Facilities  
Deferred Maintenance**

**FY2019 Request: \$3,141,500  
Reference No: 30624**

<b>Dept. Priority</b>	<b>Allocation</b>	<b>Project Title</b>	<b>Project Cost (\$00.0)</b>
3	Terminal Ketchikan-	Door Replacement	\$50.0
4	Terminal Cordova-	Replace Exterior Doors	\$30.0
5	Terminal Homer-	Repair Building Exterior	\$150.0
6	Terminal Auke Bay-	Ticket Window & Bathrooms & Roof Refurb.	\$650.0
7	Terminal Ketchikan-	Heating Central Upgrade	\$195.0
8	Terminal Ketchikan -	Main Berth	\$10.0
			<b>\$1,212.5</b>
			<b>\$3,141.5</b>

**OMB Required Deferred Maintenance for Single, Computerized Maintenance Management System needed for reliable facility information**

**FY2019 Request: \$2,223,900**  
**Reference No: 62532**

**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:** Judy Chapman  
**Estimated Project Dates:** 06/01/2019 - 06/30/2023 **Contact Phone:** (907)465-6971

**Brief Summary and Statement of Need:**

OMB Required Deferred Maintenance for Single, Computerized Maintenance Management System (CMMS) needed for reliable facility information Statewide.

<b>Funding:</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>Total</b>
1004 Gen Fund	\$2,223,900	\$25,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$47,223,900
<b>Total:</b>	<b>\$2,223,900</b>	<b>\$25,000,000</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$47,223,900</b>

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

Funding is needed for year 2 and 3 software licensing and implementation costs for the Statewide Computerized Maintenance Management System (CMMS). This system will provide long-term management, tracking, and reporting capabilities for all state-owned real estate. The modules include facilities inventory tracking, maintenance management, budget management and tracking, leases and lease administration, capital asset management, and energy management. The CMMS will help automate workflow and track facilities management and maintenance work requests.

The Division of Facilities Services will act as project managers throughout all phases of the project, which is broken into multi-year phasing and licensing. The project is scheduled to take 3.5 years to fully implement.

The CMMS is part of the enterprise consolidation effort that will house data on all state-owned real estate, allowing for optimal cost efficiency. A portion of the system costs will be allocated to agencies receiving facilities maintenance services. Allocated costs include software maintenance, support, and hosting.

Year 2 costs \$778.0

**OMB Required Deferred Maintenance for Single,  
Computerized Maintenance Management System needed  
for reliable facility information**

**FY2019 Request: \$2,223,900  
Reference No: 62532**

---

Year 3 costs \$1,445.9 (FY2021)





**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**

(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)**

(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 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.
- 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**

<b>Priority</b>	<b>Project Title</b>	<b>Projected Cost</b>	<b>Location</b>	<b>HD</b>
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.

<b>UAF Fairbanks Campus Building Interior &amp; Systems Renewal</b>			
<b>Building Name and Project Title</b>	<b>Year Built</b>	<b>Building Purpose/Function</b>	<b>Estimated Total Project Cost</b>
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
		<b>TOTAL</b>	<b>\$ 14,700,000</b>

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.

<b>UAF Building Envelope &amp; Roof Systems Renewal</b>			
<b>Building Name and Project Title</b>	<b>Year Built</b>	<b>Building Purpose/Function</b>	<b>Estimated Total Project Cost</b>
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
		<b>TOTAL</b>	<b>\$ 3,100,000</b>

**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 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.

<b>UAF Regulatory Compliance</b>			
<b>Building Name and Project Title</b>	<b>Year Built</b>	<b>Building Purpose/Function</b>	<b>Estimated Total Project Cost</b>
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
		<b>TOTAL</b>	<b>\$ 4,650,000</b>

**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 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
		<b>TOTAL</b>	<b>\$ 6,450,000</b>

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:**

State of Alaska Capital Project Summary  
 FY2019 Nov 30 DM Supplemental

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 a 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	Rural and Community Campus Renewal	\$1,600.0	Various	Various

**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/CRCO			
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
		<b>TOTAL</b>	<b>\$ 1,600,000</b>

**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

**Deferred Maintenance, Renovation, Repair and Equipment**

**FY2019 Request:**

**\$50,000,000**

**Reference No:**

**45326**

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 Schefield 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.

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 railing 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)

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 will replace 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 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 5 fuel tanks with new double walled tanks with leak detection monitoring systems. The remaining 4 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 be come 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 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.

**Statewide Deferred Maintenance - Courts**

**FY2019 Request: \$2,783,700**

**Reference No: 62585**

**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:** 06/01/2019 - 06/30/2023

**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 the court system.

<b>Funding:</b>	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	Total
1004 Gen Fund	\$2,783,700						\$2,783,700
<b>Total:</b>	\$2,783,700	\$0	\$0	\$0	\$0	\$0	\$2,783,700

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

Alaska Court System

FY20 Capital Request – Deferred Maintenance (\$2,783,700)

The court system received \$18,813,400 in capital budget appropriations during the FY00 - FY18 timeframe to address deferred maintenance. Additionally, ACS received \$193,000 for deferred maintenance issues at the Kenai Courthouse in FY19. ACS will coordinate with DOT to manage and oversee this work. This request for \$6,146,600 will eliminate most of the remaining deferred maintenance backlog that accumulated due to insufficient maintenance funding for state owned facilities as well addressing additional items that have been identified. The following project list has been updated from the list contained in the Legislature's 2003 Deferred Maintenance Task Force report as well as previous session bills HB316 and SB228. It incorporates information from a 2008 Deferred Maintenance Survey commissioned by DOT/PF at the Anchorage Boney Courthouse, and

**Statewide Deferred Maintenance - Courts**

**FY2019 Request: \$2,783,700**  
**Reference No: 62585**

issues arising at Palmer, Fairbanks, Kenai, Nesbett and Anchorage Snowden. This request covers only those deficiencies not previously funded and not requested by DOT/PF or DOA.

Annual funding amounts are determined according to the urgency associated with building failure or safety if the repairs are not funded; e.g. roof failure can result in failure of many other structural components or worn flooring presents a trip/fall liability. The court system is making every effort to prevent any additions to the list of deferred maintenance needs.

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

Court District	Building	Cost	Project
3	Anchorage Boney Courthouse	356,500	<b>Replace HVAC Coils in Air Handling Units #1 and #2:</b> 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.
3	Anchorage Boney Courthouse	1,200,000	<b>Upgrade 5th Floor HVAC System:</b> 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.
3	Anchorage Nesbett Courthouse	20,700	<b>Replace Deteriorating Countertops:</b> 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% contingency.
3	Anchorage Nesbett Courthouse	411,500	<b>Replace Courtroom Spectator Seating:</b> The existing floor attached bench spectator seating in all courtrooms is worn, damaged, and the fabric is ripped and deteriorating. Facilities has started

**Statewide Deferred Maintenance - Courts**

**FY2019 Request: \$2,783,700**  
**Reference No: 62585**

Court District	Building	Cost	Project
			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.
3	Kenai Courthouse	20,000	<b>Duct Cleaning:</b> Clean HVAC supply air duct work between entry and distribution points.
3	Palmer Courthouse	115,000	<b>Replace Deteriorating Public Lobby Flooring:</b> 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.
3	Palmer Courthouse	100,000	<b>Upgrade Pneumatic Controls to DDC:</b> Replace outdated DDC components, inefficient HVAC Controls equipment (Modular Building Controller, Modular Equipment Controller, etc.) with DDC compatible controls system
3	Palmer Courthouse	45,000	<b>Refinish Deteriorated and Cracked Lobby Soffits and Walls:</b> 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.
4	Rabinowitz Courthouse	150,000	<b>Replace Old Fluorescent lamps:</b> 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	Rabinowitz Courthouse	200,000	<b>Replace exterior concrete:</b> 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.
3	Snowden Admin.	25,000	<b>Replace Old Warehouse Lighting:</b> Retrofit old

**Statewide Deferred Maintenance - Courts**

**FY2019 Request: \$2,783,700**  
**Reference No: 62585**

Court District	Building	Cost	Project
	Building		inefficient and no longer manufactured T-12 light fixtures with LED compatible light fixtures in the Warehouse.
3	Snowden Admin. Building	140,000	<b>Replace Old Lighting at 444 "H" Street, and 820 West 4th:</b> Replace old inefficient lamps with LED's and retro fit other fixtures as needed.
<b>TOTAL</b>		<b>2,783,700</b>	