

National Petroleum Reserve - Alaska Impact Grant Program FY2019 Request: \$13,371,497
Reference No: 38948

AP/AL: Appropriation
Category: Development
Location: North Slope Borough
Impact House District: Arctic (HD 40)
Estimated Project Dates: 07/01/2018 - 06/30/2023
Project Type: Life / Health / Safety
Recipient: Various
House District: Arctic (HD 40)
Contact: Catherine Reardon
Contact Phone: (907)465-2506

Brief Summary and Statement of Need:

This request supplements FY2019 appropriations by adding \$13,371,497 in projects for a total of \$24,983,219 in National Petroleum Reserve-Alaska (NPR-A) receipts for FY2019. These increased revenues are the result of lease sales and production in the NPR-A. Priority is given to those communities directly or severely impacted by the leases and development of oil and gas within the NPR-A. Funding comes from the federal government as a share of the funds received on leases issued within NPR-A. This appropriation will be amended to list specific projects once they are awarded by the Division of Community and Regional Affairs.

Funding:	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1063 NPR Fund	\$13,371,497						\$13,371,497
Total:	\$13,371,497	\$0	\$0	\$0	\$0	\$0	\$13,371,497

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec19 Ch19 SLA2018 P29 L13 SB142 \$11,611,722
 Sec9 Ch1 SLA2017 P15 L29 SB23 \$1,378,346
 Sec14 Ch2 SLA2016 P34 L11 SB138 \$3,240,310
 Sec24 Ch38 SLA2015 P38 L14 SB26 \$3,502,626
 Sec29 Ch18 SLA2014 P112 L26 SB119 \$4,005,621
 Sec24 Ch16 SLA2013 P125 L18 SB18 \$3,876,868
 Sec18 Ch17 SLA2012 P176 L4 SB160 \$4,896,872

Approved for grant under National Petroleum Reserve-Alaska Impact Grant Program under AS 37.05.530(a).

Project Description/Justification:

As authorized December 12, 1980, by 42 USC Chapter 78, Sections 6501-6508, the federal government, through the US Department of the Interior, Bureau of Land Management (BLM) manages and allows the exploration and development of oil and gas within the NPR-A. In accordance with 42 USC § 6508, 50 percent of the money received by the federal government from the “sales, rentals, bonuses, and royalties on leases issued . . .” within the NPR-A is paid to the State of Alaska.

As required by AS 37.05.530, regulations (3 AAC 150.010 – 150.090) were adopted establishing the NPR-A Impact program which allow municipalities impacted by oil and gas development in the NPR-A to apply for grant assistance to alleviate the impact. Grant applications are considered in accordance with:

- AS 37.05.530(c), participation is limited to municipalities.
- AS 37.05.530(c), (d), and (e), municipalities must demonstrate present impact or the need to determine or plan for future impact.
- AS 37.05.530(c), priority is given to municipalities that are experiencing or will experience the most direct or severe impact from oil and gas development.
- AS 37.05.530(e), municipalities may use the funds to alleviate the impact of the oil and gas development only for the following activities and services: (1) planning; (2) construction, maintenance, and operation of essential public facilities by the municipality; and (3) other necessary public services provided by the municipality.
- AS 37.05.530(f), funds may not be used for the retirement of municipal debt.
- 3 AAC 150.050(c), impact is defined as an effect reasonably attributable to NPR-A oil and gas activities under 42 USC § 6508 on (1) population; (2) employment; (3) finances; (4) social and cultural values; (5) air and water quality; (6) fish and wildlife habitats; (7) the ability to provide essential public services, including health care, public safety, education, transportation, utilities, and government administration; and (8) other things of demonstrable importance to the applicant or the applicant's residents.

As required by Alaska Statute (AS) 37.05.530(g), NPR-A funds received that are not appropriated for the NPR-A Impact program are deposited as follows:(1) 25 percent to the principal of the Alaska Permanent Fund; (2) .5 percent to the Public School Trust Fund (AS 37.14.110); and (3) the remaining amount may be appropriated to the Power Cost Equalization and Rural Electric Capitalization Fund (AS 42.45.100).

MH: Renovation required to accommodate Women's Mental Health Unit at Hiland Mountain

FY2019 Request: \$3,685,000
Reference No: 60431

AP/AL: Appropriation **Project Type:** Renovation and Remodeling
Category: Public Protection
Location: Eagle River (Chugach State Park) **House District:** Unidentified House District
Impact House District: Unidentified House District **Contact:** April Wilkerson
Estimated Project Dates: 06/01/2019 - 06/30/2023 **Contact Phone:** (907)465-3460

Brief Summary and Statement of Need:

The Department needs funding for renovation and relocation of the integrated Mental Health Unit (MHU) and infirmary/detoxification unit at Hiland Mountain Correctional Center (HMCC). The funding would allow the renovation and relocation of the existing women's acute MHU and construction of a medical infirmary and detox unit, increasing the capacity from 14 to 25 beds and allowing for a more therapeutic and secure environment while freeing up segregation beds.

Funding:	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	Total
1037 GF/MH	\$2,540,000						\$2,540,000
1092	\$1,145,000						\$1,145,000
MHTAAR							
Total:	\$3,685,000	\$0	\$0	\$0	\$0	\$0	\$3,685,000

<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 checked="" type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

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 (SPMI) with the largest growing population being female offenders. Each year the Department serves approximately 200 offenders on its female acute mental health unit. In addition, the Department has a growing number of women requiring acute detoxification.

The proposed Mental Health Unit (MHU) project will provide funding to allow the expansion and relocation of the existing women's acute MHU, increase the available bed count from 14 to 25, ensure that female offenders have the same resources available to them as the male population, and allow for a more therapeutic and secure environment while freeing up segregation beds. This expansion would relocate the existing women's acute care psychiatric unit from its current location in Segregation Housing to an existing building previously

**MH: Renovation required to accommodate Women's
Mental Health Unit at Hiland Mountain**

**FY2019 Request: \$3,685,000
Reference No: 60431**

used by the industries programs. Moving and expanding the MHU would allow security to take over the 14 beds that make up the current MHU and provide more segregation beds for this growing population.

The current facilities cannot meet the increasingly complex needs of the female offenders. The women's acute mental health unit, a former segregation unit retrofitted to serve as a treatment unit, is always full and often over capacity. This frequently results in the placement of seriously mentally ill offenders in Segregation until a treatment bed becomes available. There are no beds available for female offenders who are going through serious detox/withdrawals or who have other complex medical needs; therefore two or three times a week women in acute withdrawal are housed in the men's infirmary at the Anchorage Correctional Complex. The Department has identified this project as essential to our efforts in aiding female trust beneficiaries who require acute intervention for their mental health, medical and substance abuse needs.

Statewide Per- and Polyfluoroalkyl Substances (PFAS) Response

FY2019 Request: \$9,425,000
Reference No: 62492

AP/AL: Appropriation **Project Type:** Equipment / Commodities
Category: Health/Human Services
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Denise Koch
Estimated Project Dates: 07/01/2018 - 06/30/2023 **Contact Phone:** (907)465-4040

Brief Summary and Statement of Need:

Funding required to further investigate the possibility of groundwater contamination. Per- and Polyfluoroalkyl substances (PFAS), also called perfluorinated chemicals (PFCs), contamination originating from Aqueous Film Forming Foam (AFFF) can lead to PFAS contaminated groundwater which can migrate offsite and contaminate downstream drinking water wells.

Funding:	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1052 Oil/Haz Fd	\$9,425,000						\$9,425,000
Total:	\$9,425,000	\$0	\$0	\$0	\$0	\$0	\$9,425,000

<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	
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

Per- and Poly-fluoroalkyl Substances (PFAS) are contaminants of emerging concern in Alaska and across the nation. PFAS contamination originating from the use of Aqueous Film Forming Foam (AFFF) can lead to contaminated groundwater migrating offsite and contaminating downstream drinking water wells. There are many health effects linked to PFAS exposure and the Center of Disease Control is treating PFAS contamination as a public health concern. The Alaska Department of Environmental Conservation issued a technical memo in August 2018 setting action levels for six PFAS compounds and determined that they are hazardous substances under state law. The EPA has issued a health advisory for drinking water contamination.

Due to the historical use of AFFF for firefighting and firefighting training, impacted public drinking water sources and private wells is widespread and have already been discovered in all areas of Alaska. An appropriation from the Emergency Response Account of the Oil and Hazardous Substance Release Prevention and Response Fund is requested to support the State's response.

To better assess the scope of this public health threat, the Divisions of Spill Prevention and Response and Environmental Health will coordinate to collect non-regulatory drinking water samples from 408 community water systems in Alaska and analyze them at the Environmental Health Laboratory. Additionally, the

Statewide Per- and Polyfluoroalkyl Substances (PFAS) Response

FY2019 Request: \$9,425,000
Reference No: 62492

Laboratory will process samples of drinking water, groundwater, surface water, and soil collected. The Department's Fish Monitoring program will also analyze existing and subsequently obtained fish tissue samples for PFAS compounds, to assess the scope of these contaminants in commercial and subsistence fish resources. Special testing equipment is required to conduct this testing at the State Laboratory at the health advisory levels set by the EPA, in addition to one long-term non-permanent employee to assist with this testing.

There is potential that PFAS groundwater contamination will be found at approximately 28 current and former Part 139 Department of Transportation & Public Facilities (DOT&PF) airports or former Department of Defense (DOD) sites for which the State is now responsible. A Reimbursable Service Agreement with the DOT&PF will support the costs of a statewide environmental consultant contract to conduct investigations of the airports and DOD sites, known costs associated with on-airport expenses (Risk Management is responsible for off-airport), and disposal of AFFF.

Current estimated costs for response work at both the Departments of Environmental Conservation and Transportation & Public Facilities is expected to be \$9.4 million.

Scope	Cost
Liquid Chromatography Tandem Mass Spectrometry system for Environmental Health Laboratory and testing supplies	\$779,200
Chemist III Long-Term Non-Permanent Employee	\$200,000
Work Plans, Coordination, Sampling, Public Meetings, Project Scoping	\$156,130
Statewide Contracts Phase I (environmental and engineering services to test 11 airports in FY2019)	\$6,669,000
Travel to Public Meeting, Office Space, and Supplies	\$46,760
Gustavus Point-of Entry Water Treatment Systems (four wells on airport properties)	\$250,000
Gustavus Potable Water and Delivery	\$10,000
Aqueous Film Forming Foam Disposal	\$84,984
Rural Construction	\$1,228,926
TOTAL	\$9,425,000

Additional funding is anticipated to be required in the future related to the ongoing response to PFAS contamination. This may include environmental remediation, long term monitoring, and water treatment systems.

Transfer Termed Projects Unobligated Balances to General Fund **FY2019 Request: \$-817,170**
Reference No: 62692

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:** Craig J Christenson
Estimated Project Dates: 06/30/2019 - 06/30/2019 **Contact Phone:** (907)428-6003

Brief Summary and Statement of Need:

The Department of Military and Veterans' Affairs (DMVA) has completed five capital projects for which unobligated general fund amounts exist. The remaining funds will be returned to the General Fund.

Funding:	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	Total
1003 G/F	\$-409,114						\$-409,114
Match							
1004 Gen Fund	\$-408,056						\$-408,056
Total:	\$-817,170	\$0	\$0	\$0	\$0	\$0	\$-817,170

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec1 Ch16 SLA2013 P70 L20 SB 18 \$320,000
 Sec1 Ch17 SLA2012 P122 L33 SB 160 \$5,128,000
 Sec1 Ch5 SLA2011 P90 L5 SB 46 \$3,000,000
 Sec1 Ch5 SLA2011 P90 L15 SB 46 \$2,162,000
 Sec1 Ch15 SLA2009 P16 L30 SB 75 \$2,500,000

Bill Language:

The intended scope of the projects are complete. The remaining funds will be returned to the General Fund.

Project Description/Justification:

The unexpended and unobligated general fund balances, estimated to be a total of \$817,170, of the following appropriations are reappropriated to the general fund:

- (1) sec. 1, ch. 16, SLA 2013, page 70, line 20 (Department of Military and Veterans Affairs – Fairbanks Armory Deferred Maintenance - \$320,000), estimated balance of \$12,203;
- (2) sec. 1, ch. 17, SLA 2012, page 122, line 33 (Department of Military and Veterans Affairs – Joint Base Elmendorf Richardson Facilities Deferred Maintenance - \$5,128,000), estimated balance of \$640,794;

Transfer Termed Projects Unobligated Balances to General Fund **FY2019 Request:** **\$-817,170**
Reference No: **62692**

(3) sec. 1, ch. 5, SLA 2011, page 90, line 5 (Department of Military and Veterans Affairs – Military Youth Academy Deferred Maintenance, Renewal and Replacement - \$3,000,000), estimated balance of \$34,577;

(4) sec. 1, ch. 5, SLA 2011, page 90, line 15 (Department of Military and Veterans Affairs – Wasilla – Alcantra Armory Deferred Maintenance - \$2,162,000), estimated balance of \$115,760;

(5) sec. 1, ch. 15, SLA 2009, page 16, line 30 (Department of Military and Veterans Affairs – Army Guard Facilities Projects - \$2,500,000), estimated balance of \$13,836;

Upgrade and Repair of Critical Volcano Monitoring Instruments

FY2019 Request: \$4,250,000
Reference No: 60704

AP/AL: Appropriation **Project Type:** Renewal and Replacement
Category: Public Protection
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Fabienne Peter-Contesse
Estimated Project Dates: 07/01/2015 - 06/30/2023 **Contact Phone:** (907)465-2422

Brief Summary and Statement of Need:

The USGS has funding to replace existing analog data transmission equipment at Alaska’s monitored volcanoes with digital data transmission equipment. This equipment monitors seismic activity at Alaska’s active volcanoes. Replacing radio equipment is required as radio frequencies in use are being re-purposed and will not be available for use. This is a supplemental request to the FY2016 Upgrade and Repair of Critical Volcano Monitoring Instruments capital request.

Funding:	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	Total
1002 Fed Rcpts	\$4,250,000						\$4,250,000
Total:	\$4,250,000	\$0	\$0	\$0	\$0	\$0	\$4,250,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec1 Ch38 SLA2015 P5 L32 SB 26 \$500,000

Project Description/Justification:

Rapid detection of volcanic activity is critical in protecting threats to life, health, and the economy. Several high-threat volcanoes in Alaska are currently inadequately equipped with monitoring instruments and repairs and upgrades are needed to bring this equipment back to operational status.

Seismic, infrasound, and GPS instruments allow scientists at the Alaska Volcano Observatory (AVO) to detect early signs of volcanic unrest. This information allows the observatory to provide timely and accurate information on volcanic hazards, and warnings of impending dangerous activity to the public and to local, state, and federal officials.

As part of a Federal-State (USGS-DGGS) cooperative agreement, the Division of Geological and Geophysical Surveys (DGGS) volcanology section is responsible for helicopter and fuel contracting, and logistics in support of volcanic monitoring station installation, upgrades, and maintenance for the AVO.

The USGS has been told its analog radio frequency band is being re-purposed and will no longer be available for their use, requiring existing data transmission equipment be replaced. This project is facilitating the conversion of analog monitoring instrumentation to digital instrumentation in support of volcanic activity monitoring and hazard assessment and to comply with National Telecommunications and Information Administration (NTIA) radio spectrum guidelines.

What will be accomplished?

This supplemental request includes funding for helicopter operating costs, remote fuel transport, and new and existing staff to handle remote field logistics and administrative tasks as they relate to purchasing in support of the field projects. This project be complete by 9/30/21.

Line Item	Amount
1000 - Personal Services	\$670,000
2000 - Travel	100,000
3000 - Services	\$3,960,000
4000 - Commodities	\$20,000
7000 - Grants	
Total Request	\$4,750,000

Project will fund existing and new positions located in Fairbanks.

- (10-2117) Geologist V
- (10-2085) Geologist IV
- (10-2061) Geologist I
- (10-2030) Analyst/Programmer IV
- New LTNP Natural Resource Technician II
- New LTNP Administrative Assistant

Consolidate Multiple Appropriation for Law Enforcement Equipment Replacement **FY2019 Request: \$0**
Reference No: 62521

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

Category: Law and Justice

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Kelly Howell

Estimated Project Dates: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)269-5591

Brief Summary and Statement of Need:

During the FY2018 Legislative process, a Capital Status report meeting was held. Legislative Finance recommended consolidating multiple appropriations for law enforcement equipment replacement into one single appropriation for each component, with a beginning date of 7/1/2019. The department agrees with their assessment to repeal and reappropriate the multiple appropriations listed below into three for greater accountability and efficiency.

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

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

Consolidation for AST Law Enforcement Equipment Replacement:

- 1) AR Group/Type P049; BFY 2013; Term Year 2019; Available Balance 27.6
- 2) AR Group/Type P062; BFY 2014; Term Year 2019; Available Balance 382.4
- 3) AR Group/Type P080; BFY 2015; Term Year 2019; Available Balance 250.0

Consolidation for AWT Law Enforcement Equipment Replacement:

- 1) AR Group/Type P061; BFY 2014; Term Year 2019; Available Balance 34.7
- 2) AR Group/Type P079; BFY 2015; Term Year 2019; Available Balance 250.0

Consolidation for VPSO Equipment Replacement:

- 1) AR Group/Type P043; BFY 2013; Term Year 2019; Available Balance 9.2
- 2) AR Group/Type P058; BFY 2014; Term Year 2019; Available Balance 36.8
- 3) AR Group/Type P076; BFY 2015; Term Year 2019; Available Balance 250.0

Reappropriation to Maintenance/Renovation of Rural Trooper Housing

FY2019 Request: \$0
Reference No: 62519

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

Project Type: Life / Health / Safety
House District: Statewide (HD 1-40)
Contact: Kelly Howell
Contact Phone: (907)269-5591

Brief Summary and Statement of Need:

The unexpended and unobligated balance, of the appropriation made in sec. 7, ch. 43, SLA 2010, page 33, lines 4 - 7 (Department of Public Safety Academy driver training facility, land acquisition and construction - \$5,000.0), estimated to be \$1,059,000, is reappropriated to the maintenance and renovation of rural trooper housing.

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

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> 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	
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

The unexpended and unobligated balance, of the appropriation made in sec. 7, ch. 43, SLA 2010, page 33, lines 4 - 7 (Department of Public Safety Academy driver training facility, land acquisition and construction - \$5,000.0), estimated to be \$1,059,000, is reappropriated to the maintenance and renovation of rural trooper housing.

The Department of Public Safety (DPS) operates approximately 150 state owned and leased facilities spread across the State of Alaska. These facilities range from trooper posts, hangars, storage, maintenance, housing and other types. Ninety percent of these facilities are mission critical and essential facilities that are occupied by both the Division of Alaska State Troopers (AST) and the Division of Alaska Wildlife Troopers (AWT).

DPS facilities can be broadly classified into Mission Facilities (MF) and Rural Trooper Housing (RTH). Both MF and RTH facilities require good habitable conditions to effectively support the mission and operations of DPS. Unfortunately, seventy percent of the state owned MF's are in need of a life cycle upgrade, functional reassessment and rehabilitation. One hundred percent of the state owned RTH facilities are at the stage of their lifecycle, health and safety rehabilitation.

Reappropriation to Maintenance/Renovation of Rural Trooper Housing

FY2019 Request: \$0
Reference No: 62519

RTH is one of the key essential programs to effectively engage long term stationing of law enforcement officers in rural Alaska. As part of this program, AST and AWT are provided housing in DPS owned and leased facilities. It is important and necessary that these facilities are in healthy, safe and good habitable conditions for the wellbeing of ASTs and their families. In this effort, DPS Procurement proposes to initiate a twin facilities rehabilitation program namely Rural Trooper Housing Rehabilitation Program (RTHRP) and Mission Facilities Rehabilitation Program (MFRP).

These programs will identify necessary life cycle renovations, upgrade needs of each facility and bring facilities to code compliance, good habitable standards and safe conditions.

Alaska Marine Highway System Vessel Overhaul, Annual Certification and Shoreside Facilities Rehabilitation **FY2019 Request: \$1,400,000**
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: 07/01/2019 - 06/30/2024 **Contact Phone:** (907)465-6971

Brief Summary and Statement of Need:

The Alaska Marine Highway System (AMHS) requires annual maintenance and overhaul on vessels and at terminals, particularly components or systems whose failures impact service in the short term. Annual overhaul of vessels is necessary to pass United States Coast Guard (USCG) inspections and obtain a Certificate of Inspection (COI) necessary to operate in revenue service.

Funding:	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1076 Marine Hwy	\$1,400,000						\$1,400,000
Total:	\$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 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
<u>One-Time Startup:</u>	0	
Totals:	0	0

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:

This project is for numerous recurring maintenance tasks and improvements to the vessels. The majority of the funds being requested are spent in Alaskan shipyards and with Alaskan suppliers and vendors.

In past years, the Alaska Marine Highway System funded its annual maintenance work through two concurrent mechanisms – vessel certification appropriations (i.e. this project) and deferred maintenance appropriations. In FY2013, FY2014, and FY2015 AMHS received both a \$10-\$12.0 million maintenance appropriation and deferred maintenance appropriations averaging \$3.0

Alaska Marine Highway System Vessel Overhaul, Annual Certification and Shoreside Facilities Rehabilitation

FY2019 Request: \$1,400,000
Reference No: 30624

million/year. Together, these appropriations were able to provide for the approximately \$15.0 million in annual maintenance expenses that the system incurs every year. In recent years; however, deferred maintenance allocations to the system have become much leaner, leaving the system with challenges in funding the maintenance needs of the system. As such, this project provides \$15.5 million for this required work, an increase of \$2.0 million over FY2019 levels.

Overhaul work consists of inspection, repair, and maintenance that cannot be performed while the vessels are operating. An overhaul period of approximately six weeks is set aside every year during which each ship is in dry-dock and the scheduled work is accomplished. This work is performed in Alaskan shipyards unless it is combined with a Federal Highway Administration project competitively awarded to an out-of-state shipyard. In performing overhaul work, the Alaska Marine Highway System must meet the inspection requirements and standards of safety and seaworthiness of two entities, the Classification Societies (American Bureau of Shipping (ABS) for steel hulled vessels, and Det Norske Veritas (DNV) for the aluminum hulled fast vehicle ferries) and the United States Coast Guard (USCG). None of this work is discretionary. At the end of the overhaul period, the vessel must pass a demanding USCG inspection to obtain a Certificate of Inspection (COI). This certificate is mandatory to operate for the next year.

In addition to the work required by ABS, DNV, and the USCG, work is done which is recommended by equipment manufacturers and where AMHS port engineers determine the work to be sound equipment maintenance practices. For example, painting the hull is not required, and vessels could sail with badly deteriorated paint. However, paint protects the hull from corrosion. In the long term, the value of asset protection greatly outweighs the cost of the painting.

Overhaul work is costly. Putting a vessel into dry-dock can cost over \$20,000 base cost plus \$1,000 for each day it remains in dry-dock. Dismantling a main propulsion engine solely to permit ABS inspections requires the work of several skilled engineers for several weeks. These are costs incurred simply to enable inspections to be made and routine maintenance to be done.

A continuing source of increased costs is maintenance of newly installed systems and equipment (primarily safety related) required to be added to the vessels by the International Maritime Organization's Safety of Life at Sea (SOLAS) regulations and similar U.S. Code of Federal Regulations Subchapter "W" provisions. While federal funds provide the systems and equipment, state funds must be used to maintain them once installed. Perhaps the greatest cause of increased overhaul costs is the simplest: as vessels age, the amount and cost of required maintenance increases.

AMHS operates steel and aluminum vessels in a hostile, corrosive salt-water environment and must protect these expensive ships or suffer rapid deterioration of major structural components and equipment resulting in expensive replacement costs. Ignoring these maintenance and repair requirements will result in failure to maintain ABS or DNV classification and failure to pass USCG COI examinations. Taking vessels out of classification will result in higher annual insurance rates. Without a USCG COI, AMHS cannot sail the vessels and accomplish the mission of providing safe, reliable public transportation. In the past, AMHS has often established an inventory of major main engine components that are economical to rebuild. These were used as ready spares to keep the vessels in service when a casualty occurred. More recently, this practice has ceased due to a lack of funds.

Alaska Marine Highway System Vessel Overhaul, Annual Certification and Shoreside Facilities Rehabilitation **FY2019 Request: \$1,400,000**
Reference No: 30624

This funding may also be used for terminal maintenance and repairs or equipment and component replacement and rehabilitation projects as available due to favorable bids or parts pricing.

Klondike - Industrial Use Highway Funding

FY2019 Request: \$787,000
Reference No: 62533

AP/AL: Appropriation
Category: Transportation
Location: Skagway

Project Type: Construction
House District: Downtown
 Juneau/Douglas/Haines/Skagway (HD 33)
Contact: Judy Chapman

Impact House District: Downtown
 Juneau/Douglas/Haines/Skagway (HD 33)

Estimated Project Dates: 04/15/2019 - 06/30/2024 **Contact Phone:** (907)465-6971

Brief Summary and Statement of Need:

This appropriation will allow us to make use of the Industrial Use Highway funds. Proposed uses include:

- **Surface preservation:** Due to the long and heavy loads traveling along this roadway increased deterioration of asphalt and gravel surfaces can occur. The funding will be utilized for chip seal activities, pothole patching, grading, and replacement of worn stretches of asphalt. Additionally, guardrail repairs and replacement are needed for increased safety of the travelers of the roadway.
- **Signage:** Highway markers, delineators or raised pavement markings, and snow condition index markers.

Funding:	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>Total</u>
1108 Stat Desig	\$787,000						\$787,000
Total:	\$787,000	\$0	\$0	\$0	\$0	\$0	\$787,000

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

Prior Funding History / Additional Information:

Project Description/Justification:

The Klondike Highway from Skagway to the Canadian Border is designated as an industrial use highway. Traveling vehicles that exceed the weight or length limitations are assessed an additional fee for the increased wear and maintenance of the roadway. SDPR is required to make use of this funding toward Klondike Highway maintenance needs.