

IIJA Section 40601 - Alaska Oil and Gas Conservation Commission - Orphaned Well Site Plugging, Remediation, and Restoration

FY2022 Request: \$32,341,000
Reference No: 64201

AP/AL: Appropriation
Category: General Government
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2021 - 06/30/2026

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

Brief Summary and Statement of Need:

These federal funds will allow for the plugging and abandonment of orphan wells on state and private lands in Alaska where no responsible operator can be determined. Funds can be used for planning, executing plugging contracts, surface remediation, and many other purposes. The bulk of the funds are designed to help put oil and gas workers back to work while also ensuring that orphan wells are properly taken care of and surface lands are restored.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$32,341,000						\$32,341,000
Total:	\$32,341,000	\$0	\$0	\$0	\$0	\$0	\$32,341,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

IIJA Section 40601 "Orphaned well site plugging, remediation, and restoration"

Project Description/Justification:

The U.S. Department of Interior (DOI) has announced the amount of funding that states are eligible to apply for in Phase One, which includes up to \$25 million in Initial Grant funding and a quarter of the total Formula Grant money available (\$7.3 million). In total, including funds from subsequent years, DOI has indicated that Alaska is eligible for \$53,336,497.

These resources allow the State to begin building out the plugging program, remediating high-priority wells, and collecting additional data regarding the number of existing orphaned wells. Funds will primarily be used to execute plugging contract(s) and when appropriate, funds will be transferred to other agencies, including the Alaska Department of Environmental Conservation and the Department of Natural Resources, for surveying, environmental restoration, and other purposes.

Broadband Equity Access and Deployment Program and Digital Equity Plan**FY2023 Request: \$6,000,000**
Reference No: 64245**AP/AL:** Appropriation**Project Type:** Life / Health / Safety**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Micaela Fowler**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2506**Brief Summary and Statement of Need:**

The IIJA provides funding for broadband infrastructure in an attempt to connect every American with high quality, affordable broadband to homes and eligible community anchor institutions, prioritizing unserved and underserved areas. The primary program in the bill, the Broadband Equity Access and Deployment (BEAD) program, directs a minimum allocation of \$100 million to each state, and makes 5 percent of that available to administer the funding. The initial 5 percent administrative allocation is the first funding made available to states, providing resources to complete the compliance steps necessary for the State of Alaska to receive the remainder of its expected funding from BEAD.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$6,000,000						\$6,000,000
Total:	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$6,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

BEAD: 60102(E)(1)(C)(i, ii)

DEA: 60304(C)(3)(D)(i)

Project Description/Justification:

Tasks include development of a five-year action plan to get every Alaskan connected, holding public and stakeholder engagement meetings, and working with incumbent broadband providers to submit maps of current network infrastructure to the FCC. The completion of these tasks will position the State of Alaska to be eligible to receive its additional expected funding allocation through BEAD, which will ultimately be made available for broadband grants through eligible applications and awards. An estimated \$1 million grant for the development of a Digital Equity Plan is also anticipated to be granted in the upcoming fiscal year.

Change Record Detail with Description (285)
Department of Commerce, Community, and Economic Development

Scenario: FY2023 Governor Amend Infrastructure (19092)
Component: Alaska Broadband Office (3379)
RDU: Executive Administration and Development (119)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	PFT	Positions PPT	NP
FY2023 Governor Amend Infrastructure												
IIJA Division F Title I Broadband - Establish Alaska Broadband Office for Broadband Program Implementation (FY23-FY27)												
1061 CIP Rcpts	IncT	513.0	513.0	0.0	0.0	0.0	0.0	0.0	0.0	3	0	0
Create the State of Alaska Office of Broadband within the Executive Administration Results Delivery Unit. The office will be responsible for the implementation of the broadband programs and funding set out for the State of Alaska in the Infrastructure Investment and Jobs Act (IIJA). Funding for broadband program establishment is included in the capital budget and positions are funded from capital funds. A small amount of general funds is needed to support core services and other shared costs that may not be eligible for federal reimbursement.												
This transaction adds three positions to establish the Office of Broadband and complete the necessary work products in order for the State of Alaska to receive the remainder of its federal allocation. In the future, grant staff and additional staff with technical expertise may be needed.												
Positions added include: Full-time temporary exempt Director of Broadband, range 26 Full-time temporary exempt Broadband Technician, range 22 Full-time temporary exempt Project Administrator, range 18												
Component Totals		513.0	513.0	0.0	0.0	0.0	0.0	0.0	0.0	3	0	0

Change Record Detail with Description (285)
Department of Commerce, Community, and Economic Development

Scenario: FY2023 Governor Amend Infrastructure (19092)
Component: Community and Regional Affairs (AR DA04) (2879)
RDU: Community and Regional Affairs (405)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		
										PFT	PPT	NP
Increase Rural Utility Business Advisor Support for Infrastructure Programs												
	Inc	666.7	280.0	133.3	253.4	0.0	0.0	0.0	0.0	2	0	0
1002 Fed Rcpts		500.0										
1003 G/F Match		166.7										
The Division of Community and Regional Affairs (DCRA) will submit a grant proposal to the U.S. Environmental Protection Agency to fund the Rural Utility Business Advisor program for another year. The FY2023 proposal will be increased by \$500.0 in federal funds along with the required 25% state match of \$166.7 to support the cost of two additional local governmental specialist positions, which will be located in Anchorage and Bethel. The grant will also support an estimated 100 additional annual trips to address need in rural Alaska and to provide support to communities who will be receiving Infrastructure funds. DCRA may also use the contractual funds to enter into partnerships with regional corporations if they are determined to be beneficial to the communities.												
Component Totals		666.7	280.0	133.3	253.4	0.0	0.0	0.0	0.0	2	0	0

Alternative Energy and Energy Efficiency**FY2023 Request: \$3,655,600**
Reference No: 64177**AP/AL:** Appropriation with Allocations**Project Type:** Energy**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Curtis W. Thayer**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)771-3009**Brief Summary and Statement of Need:**

The Infrastructure Investment and Jobs Act (IIJA) provides funding for the State Energy Program (SEP). AEA is the designated office to receive \$4 million in SEP funds to develop and implement clean energy programs and projects. No state match is required for the IIJA funding. Federal funding allocation to States is subject to formula calculation for a one-time lump sum distribution. AEA is the State Energy Office and the designated recipient for Alaska.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$3,655,600						\$3,655,600
Total:	\$3,655,600	\$0	\$0	\$0	\$0	\$0	\$3,655,600

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Section 40109 "State Energy Program"
Formula

Project Description/Justification:

The Alaska Energy Authority receives roughly \$450,000 annually for the State Energy Program, which typically requires a 20 percent match. The opportunity through IIJA is a one-time sum of funds that will be expended within five years and does not require a state match. The funds for the State Energy Program can be used to finance energy efficiency, renewable energy (including tidal energy opportunities), building audits, energy education and outreach, training, loans, grants and resiliency/redundancy planning for efficient power movement.

Alaska Energy Authority - New Energy Auditor Training Grant Program	FY2023 Request:	\$63,600
	Reference No:	64204

AP/AL: Allocation	Project Type: Energy
Category: Development	
Location: Statewide	House District: Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40)	Contact: Curtis W. Thayer
Estimated Project Dates: 07/01/2022 - 06/30/2027	Contact Phone: (907)771-3000
Appropriation: Alternative Energy and Energy Efficiency	

Brief Summary and Statement of Need:

The Infrastructure Investment and Jobs Act (IIJA) includes funding through the State Energy Program (SEP). Grants are for the purpose of training individuals to conduct energy audits or surveys of commercial and residential buildings. AEA is the designated State Energy Office and recipient of SEP funding. No match is required for this funding. Federal funding allocation to States is subject to formula calculation based on population and shall not exceed \$3 million.

Funding:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
1002 Fed Rcpts	\$63,600						\$63,600
Total:	\$63,600	\$0	\$0	\$0	\$0	\$0	\$63,600

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Section 40503 "Energy Auditor Training Grant Program"
Formula

Project Description/Justification:

The Energy Auditor Training Grant Program supports training to conduct energy audits and surveys of commercial buildings. AEA anticipates coordinating with Alaska Housing Finance Corporation (AHFC) in the administration of the training program funds. Further guidance on this program is anticipated in the 2nd quarter 2022.

Alaska Energy Authority - New Energy Efficiency Revolving Loan Fund Capitalization Program **FY2023 Request: \$796,000**
Reference No: 64211

AP/AL: Allocation **Project Type:** Energy
Category: Development
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Curtis W. Thayer
Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)771-3000
Appropriation: Alternative Energy and Energy Efficiency

Brief Summary and Statement of Need:

The Infrastructure Investment and Jobs Act (IIJA) includes funding to be allocated to each State to establish or utilize an existing revolving loan fund for the purposes of conducting commercial and residential energy audits and commercial and residential energy upgrades and retrofits. AEA is the State Energy Office and is the recipient of State Energy Plan funding. AEA would administer the commercial loan/grant programs. State matching funds are not required, however, the leveraging of private capital via the grant funds is highly encouraged. Federal funding allocation to States is subject to formula calculation. This is a new loan/grant program and a new fund may be needed for this program.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$796,000						\$796,000
Total:	\$796,000	\$0	\$0	\$0	\$0	\$0	\$796,000

☐ State Match Required
 ☒ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Section 40502 "Energy Efficiency Revolving Loan Fund Capitalization Grant Program" Formula

The existing Alaska Housing Finance Corporation's Alaska Energy Efficiency Revolving Loan Fund in AS 18.56.855 is not aligned with the new grant program. If a new fund is created, this funding would be used to capitalize the fund.

Project Description/Justification:

The "Energy Efficiency Revolving Loan Fund Grant Program", can be used to establish or utilize existing revolving loan funds to conduct commercial energy audits as well as commercial energy upgrades and retrofits. AEA has the technical and grant staff capacity to manage this program.

Alaska Energy Authority - State Energy Program**FY2023 Request:****\$796,000****Reference No:****64394****AP/AL:** Allocation**Project Type:** Energy**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Curtis W. Thayer**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)771-3000**Appropriation:** Alternative Energy and Energy Efficiency**Brief Summary and Statement of Need:**

The Infrastructure Investment and Jobs Act (IIJA) provides funding for the State Energy Program (SEP). AEA is the designated office to receive \$4 million in SEP funds to develop and implement clean energy programs and projects. No state match is required for the IIJA funding. Federal funding allocation to States is subject to formula calculation for a one-time lump sum distribution. AEA is the State Energy Office and the designated recipient for Alaska.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$796,000						\$796,000
Total:	\$796,000	\$0	\$0	\$0	\$0	\$0	\$796,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Section 40109 "State Energy Program"
Formula

Project Description/Justification:

The Alaska Energy Authority receives roughly \$450,000 annually for the State Energy Program, which typically requires a 20 percent match. The opportunity through IIJA is a one-time sum of funds that will be expended within five years and does not require a state match. The funds for the State Energy Program can be used to finance energy efficiency, renewable energy (including tidal energy opportunities), building audits, energy education and outreach, training, loans, grants and resiliency/redundancy planning for efficient power movement.

Alaska Energy Authority - Energy Efficiency Conservation Block Grants	FY2023 Request:	\$2,000,000
	Reference No:	64217

AP/AL: Allocation Category: Development Location: Statewide Impact House District: Statewide (HD 1-40) Estimated Project Dates: 07/01/2022 - 06/30/2027 Appropriation: Alternative Energy and Energy Efficiency	Project Type: Energy House District: Statewide (HD 1-40) Contact: Curtis W. Thayer Contact Phone: (907)771-3000
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Brief Summary and Statement of Need:

The Infrastructure Investment and Jobs Act (IIJA) provides funding for Energy Efficiency Conservation Block Grants (EECBG). The funding will specifically be used for eligible small communities to implement programs for financing energy efficiency, renewable energy, zero-emission transportation (and associated infrastructure), capital investments, projects and programs that allow rebates, grants, or other incentives for the purchase and installation of the above measures. There is no match requirement. Federal funding allocation to States is subject to formula calculation. AEA would sub-award grant funds to recipients through a competitive application process.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$2,000,000						\$2,000,000
Total:	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Section 40552 "Energy Efficiency and Conservation Block Grant Program"
Formula

Project Description/Justification:

AEA last received Energy Efficiency Conservation Block Grants (EECBG) under the Recovery Act in 2009. The opportunity through IIJA is initiated with a one-time funding and follow on competitive opportunities in future fiscal years. These formula funds do not require a state match. AEA will use the existing Village Energy Efficiency Program (VEEP) requirements for solicitation and evaluation, AEA will solicit communities for applications and award funding based on the existing criteria for qualifying projects. Based on the success and interest in the program, AEA may apply for the competitive funds in future fiscal years.

**AHFC Energy Programs – Supplemental Weatherization
Funding - Energy Programs Clean Energy and Power
Programs - IIJA**

FY2023 Request: \$35,000,000
Reference No: 50683

AP/AL: Appropriation

Project Type: Energy

Category: Development

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: James Wiedle

Estimated Project Dates: 07/01/2022 - 06/30/2027

Contact Phone: (907)330-8159

Brief Summary and Statement of Need:

Weatherization and life and safety rehabilitation of older and inefficient housing stock to support low-to-moderate income households. Supplemental federal formula funding provided under the Federal Infrastructure Bill.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$35,000,000						\$35,000,000
Total:	\$35,000,000	\$0	\$0	\$0	\$0	\$0	\$35,000,000

☐ State Match Required
 ☒ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P78 L25 HB69 \$5,000,000
 Sec5 Ch8 SLA2020 P67 L6 HB205 \$2,000,000
 Sec1 Ch1 SLA2019 P6 L29 CSSSSB19 \$2,000,000
 Sec1 Ch1 SLA2019 P9 L29 SB142 \$6,000,000
 Sec1 Ch1 SLA2017 P7 L23 SB23 \$1,500,000

Project Description/Justification:

Program Description/Justification

Federal U. S. Department of Energy (DOE) funding assists low- and moderate- income families in attaining decent, safe, and affordable housing through cost effective weatherization and rehabilitation of existing homes. Weatherization provides energy efficiency upgrades to homes using the latest building science tools to target heat loss areas and correct them. Installed measures must be cost effective. The program addresses health and safety through tune-ups for heating systems, electrical and chimney repairs, and woodstove improvements.

Weatherization improvements address life-threatening health and safety issues in many homes. Much of Alaska's older housing stock cannot maintain a minimally comfortable indoor temperature. Since April 2008 and by the end of FY2019, AHFC has completed weatherization improvements on approximately 20,162 units. Over 300 units received weatherization assistance in FY2020.

**AHFC Energy Programs – Supplemental Weatherization
Funding - Energy Programs Clean Energy and Power
Programs - IIJA**

**FY2023 Request: \$35,000,000
Reference No: 50683**

Program clients include elderly Alaskan, those with disabilities, and/or families with young children. The average energy cost savings for all homes participating in the Weatherization program is \$1,266.

AHFC's ability to properly diagnose and correct problems in existing housing stock through Weatherization helps provide a safe, clean environment to clients.

Projected Outcomes

- Reduce household operating costs;
- Improve resident health and safety;
- Improve durability and longevity of housing stock;
- Replace unsafe heating systems;
- Install smoke detectors in homes; and,
- Install carbon monoxide detectors.

AHFC Energy Efficiency Research - Supplemental Training and Research Funding **FY2023 Request: \$2,000,000**
Reference No: 6351

AP/AL: Appropriation **Project Type:** Energy
Category: Education
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** James Wiedle
Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)330-8359

Brief Summary and Statement of Need:

Supplemental funding for building code implementation, energy auditor training, rural energy efficiency design, and other Alaska-specific training and technical assistance under the Energy Programs Clean Energy and Power Programs of the Federal Infrastructure Bill.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$2,000,000						\$2,000,000
Total:	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000

☐ State Match Required ☒ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P78 L23 HB69 \$500,000
Sec5 Ch8 SLA2020 P66 L31 HB205 \$500,000
Sec1 Ch1 SLA2018 P9 L8 SB142 \$1,000,000
Sec1 Ch1 SLA2017 P7 L4 SB23 \$1,000,000

Project Description/Justification:

Program Description/Justification

Grant funds for research, monitoring, training, implementation, and testing of energy efficiency designs, products, and construction technology in Alaska's homes and public facilities. Program results will inform the operation and improvement of a variety of energy-efficiency incentive programs operated by the State of Alaska and AHFC. AHFC works with other agencies to maximize this resource while determining best, most cost effective energy efficiency practices, techniques and materials across Alaska's climate varied regions.

Projected Outcomes

- Data collection on energy-efficient design of homes in Alaska's diverse climates;
- Evidence-based research on energy efficiency features and their impact on home-energy consumption, comfort levels, durability, occupant health, and household economics; and,
- Dissemination of energy information to the building industry and public;
- Implementation of community-specific energy improvements in Rural and Remote areas;

**AHFC Energy Efficiency Research - Supplemental Training
and Research Funding**

FY2023 Request:
Reference No:

\$2,000,000
6351

- Energy Auditor training; and,
Building code implementation for energy and resilience

Change Record Detail with Description (285)
Department of Environmental Conservation

Scenario: FY2023 Governor Amend Infrastructure (19092)
Component: Spill Prevention and Response (AR VSPR) (3094)
RDU: Spill Prevention and Response (208)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	PFT	Positions PPT	NP
IIJA Division J Title VI - Federal Infrastructure Brownfields Response Grants Implementation (FY23-FY27)												
1002 Fed Rcpts	IncT	1,000.0	500.0	0.0	500.0	0.0	0.0	0.0	0.0	0	0	5
The Infrastructure Investment and Jobs Act provides \$1.5 billion in funds to be used toward brownfield programs. It is expected that approximately \$1 million per year will be dedicated to Alaska sites and increased program development. In order to implement this program, the department will require increased capacity in the Division of Spill Prevention and Response, Contaminated Sites program. Federal funding will be available in this grant program starting in FY2023 to support department operations.												
The bill also made funds available for orphaned wells, abandoned mines, and transportation improvements that is being pursued by other state agencies. This is expected to generate additional work for Spill Prevention and Response, as the department has oversight responsibility over clean-up of all contaminated sites within Alaska. That workload will be funded by reimbursable services agreements with the relevant agencies.												
Funding and staffing estimates are based on anticipated federal awards over the next five years, as well as preliminary guidance received on how the funds will be able to be used. As more information is received, the department anticipates adjustments to the staffing and line items necessary for implementation in order to maintain sufficient capacity over the next five years to support the increased infrastructure investment occurring in the state.												
The increase in work will require the following additional positions:												
-Long-term non-permanent Environmental Program Tech (18-#108), range 13, located in Juneau.												
-Long-term non-permanent Environmental Program Specialist 2/3 (18-#109), range 16/18, located in Fairbanks.												
-Long-term non-permanent Environmental Program Specialist 2/3 (18-#110), range 16/18, located in Anchorage.												
-Long-term non-permanent Environmental Program Specialist 2/3 (18-#111), range 16/18, located in Anchorage.												
-Long-term non-permanent Accounting Tech 2 (18-#112), range 14, located in Anchorage.												
Component Totals		1,000.0	500.0	0.0	500.0	0.0	0.0	0.0	0.0	0	0	5

Village Safe Water and Wastewater Infrastructure Projects **FY2023 Request:** **\$45,000,000**
Reference No: **AMD 41376**

AP/AL: Appropriation with Allocations **Project Type:** Water / Sewer / Solid Waste
Category: Health/Human Services **Recipient:** Various
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Randy Bates
Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)465-5307

Brief Summary and Statement of Need:

The Village Safe Water program provides financial and technical assistance to rural communities to plan, design, and construct water and sewer system improvements. Sixty percent of the funding provides first-time service to communities while forty percent is used for expansion, upgrade, and replacement of existing service.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$45,000,000	\$45,000,000	\$45,000,000	\$45,000,000	\$45,000,000		\$225,000,000
Total:	\$45,000,000	\$45,000,000	\$45,000,000	\$45,000,000	\$45,000,000	\$0	\$225,000,000

☒ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ Ongoing
 25% = 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec11 Ch1 SLA2021 P104 L12 HB69 \$3,650,000
 Sec8 Ch1 SLA2021 P71 L33 HB69 \$70,812,000
 Sec5 Ch8 SLA2020 P65 L5 HB205 \$64,830,000
 Sec1 Ch1 SLA2019 P4 L14 SB2002 \$12,080,000
 Sec1 Ch3 SLA2019 P3 L23 SB19 \$52,750,000
 Sec1 Ch19 SLA2018 P5 L7 SB142 \$68,830,000
 Sec1 Ch1 SLA2017 P4 L48 SB23 \$64,830,000
 Sec1 Ch2 SLA2016 P4 L9 SB138 \$64,830,000
 Sec1 Ch38 SLA2015 P3 L32 SB26 \$51,500,000
 Sec1 Ch18 SLA2014 P51 L14 SB119 \$51,500,000
 Sec1 Ch16 SLA2013 P63 L15 SB18 \$51,500,000
 Sec1 Ch17 SLA2012 P113 L22 SB160 \$51,500,000

Project Description/Justification:

The Department of Environmental Conservation provides technical and financial support to Alaska's communities to design and construct drinking water and sanitation facilities. Communities apply each year to the state for grants to fund these projects. Applications are scored based primarily on the extent to which proposed projects address critical public health needs, as well as the communities' capacity to operate and maintain the facilities. High-ranking projects are placed on a multi-year priority

list which identifies projects to receive funding over the next several years. The majority of project awards made under this program are eligible for grant funds made available to the state through the federal government. A portion of the federal grant monies available requires the state to appropriate matching funds.

Each year communities propose more projects than the state has in available funding. When projects are proposed, total costs are estimated based on the best information available but are subject to change. Balances in these projects may be shifted to augment other projects that were underestimated or applied to other approved projects on the waiting list based on a first-ready, first-served basis.

Statutory designated program receipts (SDPR) are required due to the nature of these large construction projects where there is a common occurrence of program income. This happens when project resources (often-heavy equipment, but sometimes excess material such as gravel) are needed to provide a benefit to the community outside the scope of the project. Federal grant funding agencies do not allow project resources to be used for such purposes. SDPR funds are generally used to augment project funding but can be used for any scope that is eligible for the federal funding that was used for the project.

A portion of federal and state match funds may be used for the planning and development of alternative safe drinking water and sanitation technologies.

Village Safe Water and Wastewater Infrastructure Projects - FY2023 Request: \$18,000,000
Expansion, Upgrade, and Replacement of Existing Service Reference No: AMD 49749

AP/AL: Allocation **Project Type:** Water / Sewer / Solid Waste
Category: Health/Human Services **Recipient:** Various
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Randy Bates
Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)465-5307
Appropriation: Village Safe Water and Wastewater Infrastructure Projects

Brief Summary and Statement of Need:

Grant funding for expansion, upgrade, and replacement of existing service to communities to plan, design, and construct drinking water and sanitation facilities.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$18,000,000	\$18,000,000	\$18,000,000	\$18,000,000	\$18,000,000		\$90,000,000
Total:	\$18,000,000	\$18,000,000	\$18,000,000	\$18,000,000	\$18,000,000	\$0	\$90,000,000

☒ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☒ Ongoing
25% = 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec11 Ch1 SLA2021 P104 L14 HB69 \$1,460,000
Sec8 Ch1 SLA2021 P72 L4 HB69 \$28,324,800
Sec5 Ch8 SLA2020 P65 L7 HB205 \$25,932,000
Sec1 Ch1 SLA2019 P4 L20 SB2002 \$4,832,000
Sec1 Ch3 SLA2019 P3 L29 SB19 \$21,100,000
Sec1 Ch19 SLA2018 P5 L11 SB142 \$29,932,000
Sec1 Ch1 SLA2017 P4 L22 SB23 \$25,932,000
Sec1 Ch2 SLA2016 P4 L13 SB138 \$25,932,000
Sec1 Ch38 SLA2015 P4 L5 SB26 \$20,600,000
Sec1 Ch18 SLA2014 P51 L18 SB119 \$20,600,000
Sec1 Ch16 SLA2013 P63 L21 SB18 \$20,600,000
Sec1 Ch17 SLA2012 P113 L25 SB160 \$20,600,000

This increased authorization is to accommodate an anticipated \$45M in Indian Health Service IJJA funding for sanitation infrastructure improvements that will be administered by the Village Safe Water Program, outside of the EPA and USDA RD grants that are awarded to VSW annually.

Project Description/Justification:

The Department of Environmental Conservation provides technical and financial support to Alaska's communities to design and construct drinking water and sanitation facilities. Communities apply each year to the state for grants for these projects. Applications are scored based primarily on the extent to

Village Safe Water and Wastewater Infrastructure Projects - FY2023 Request: \$18,000,000
Expansion, Upgrade, and Replacement of Existing Service Reference No: AMD 49749

which proposed projects address critical public health needs, as well as the communities' capacity to operate and maintain the facilities. High-ranking projects are placed on a multi-year priority list, which identifies projects to receive funding over the next several years. The majority of project awards made under this program are eligible for grant funds available to the state through the federal government. A portion of the federal grant monies available requires the state to appropriate matching funds.

Each year communities propose more projects than available state funding. When projects are proposed, total costs are estimated based on the best information available but are subject to change. Balances in these projects may be shifted to other projects that were underestimated or applied to other approved projects on the waiting list based on a first-ready, first-served basis.

Village Safe Water and Wastewater Infrastructure Projects - FY2023 Request: \$27,000,000
First Time Service Projects Reference No: AMD 49748

AP/AL: Allocation **Project Type:** Water / Sewer / Solid Waste
Category: Health/Human Services **Recipient:** Various
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Randy Bates
Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)465-5307
Appropriation: Village Safe Water and Wastewater Infrastructure Projects

Brief Summary and Statement of Need:

Grant funding for first time service to communities to plan, design, and construct drinking water and sanitation facilities.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$27,000,000	\$27,000,000	\$27,000,000	\$27,000,000	\$27,000,000		\$135,000,000
Total:	\$27,000,000	\$27,000,000	\$27,000,000	\$27,000,000	\$27,000,000	\$0	\$135,000,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec11 Ch1 SLA2021 P104 L19 HB69 \$2,190,000
 Sec8 Ch1 SLA2021 P72 L9 HB69 \$42,487,200
 Sec5 Ch8 SLA2020 P65 L12 HB205 \$38,898,000
 Sec1 Ch1 SLA2019 P4 L16 SB2002 \$7,248,000
 Sec1 Ch3 SLA2019 P3 L25 SB19 \$31,650,000
 Sec1 Ch19 SLA2018 P5 L9 SB142 \$38,898,000
 Sec1 Ch1 SLA2017 P4 L20 SB23 \$38,898,000
 Sec1 Ch2 SLA2016 P4 L11 SB138 \$38,898,000
 Sec1 Ch38 SLA2015 P4 L3 SB26 \$30,900,000
 Sec1 Ch18 SLA2014 P51 L16 SB119 \$30,900,000
 Sec1 Ch16 SLA2013 P63 L15 SB18 \$30,900,000
 Sec1 Ch17 SLA2012 P113 L28 SB160 \$30,900,000

This increased authorization is to accommodate an anticipated \$45M in Indian Health Service IJJA funding for sanitation infrastructure improvements that will be administered by the Village Safe Water Program, outside of the EPA and USDA RD grants that are awarded to VSW annually.

Project Description/Justification:

The Department of Environmental Conservation provides technical and financial support to Alaska's communities to design and construct drinking water and sanitation facilities. Communities apply each year to the state for grants for these projects. Applications are scored based primarily on the extent to

which proposed projects address critical public health needs, as well as the communities' capacity to operate and maintain the facilities. High-ranking projects are placed on a multi-year priority list, which identifies projects to receive funding over the next several years. The majority of project awards made under this program are eligible for grant funds available to the state through the federal government. A portion of the federal grant monies available requires the state to appropriate matching funds.

Each year communities propose more projects than available state funding. When projects are proposed, total costs are estimated based on the best information available but are subject to change. Balances in these projects may be shifted to other projects that were underestimated or, applied to other approved projects on the waiting list based on a first-ready, first-served basis.

A portion of federal and state match funds may be used for the planning and development of alternative safe drinking water and sanitation technologies.

Change Record Detail with Description (285)
Fund Capitalization

Scenario: FY2023 Governor Amend Infrastructure (19092)
Component: Alaska Clean Water Fund (AR) (2507)
RDU: Caps spent as duplicated funds (612)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		
										PFT	PPT	NP
IIJA Division J Title VI - Alaska Clean Water Fund Capitalization												
(Language)	Language	21,857.4	0.0	0.0	21,857.4	0.0	0.0	0.0	0.0	0	0	0
1002 Fed Rcpts		19,850.9										
1003 G/F Match		2,006.5										
**Sec. XX (a) The amount of federal receipts awarded or received for capitalization of the Alaska clean water fund during the fiscal year ending June 30, 2023, less the amount expended for administering the loan fund and other eligible activities, estimated to be \$19,850,920 is appropriated from federal receipts to the Alaska clean water fund (AS 46.03.032(a)).												
(b) The amount necessary to match federal receipts awarded or received for capitalization of the Alaska clean water fund during the fiscal year ending June 30, 2023, estimated to be \$2,006,500, is appropriated from the general fund.												
Component Totals		21,857.4	0.0	0.0	21,857.4	0.0	0.0	0.0	0.0	0	0	0

Change Record Detail with Description (285)
Fund Capitalization

Scenario: FY2023 Governor Amend Infrastructure (19092)
Component: Alaska Drinking Water Fund (AR) (2508)
RDU: Caps spent as duplicated funds (612)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		
										PFT	PPT	NP
IIJA Division J Title VI - Alaska Drinking Water Fund Capitalization												
(Language)	Language	39,972.2	0.0	0.0	39,972.2	0.0	0.0	0.0	0.0	0	0	0
1002 Fed Rcpts		38,176.7										
1003 G/F Match		1,795.5										
**Sec. XX (c) The amount of federal receipts awarded or received for capitalization of the Alaska drinking water fund during the fiscal year ending June 30, 2023, less the amount expended for administering the loan fund and other eligible activities, estimated to be \$38,176,700, is appropriated from federal receipts to the Alaska drinking water fund (AS 46.03.036(a)).												
(d) The amount necessary to match federal receipts awarded or received for capitalization of the Alaska drinking water fund during the fiscal year ending June 30, 2023, estimated to be \$1,795,500, is appropriated from the general fund.												
Component Totals		39,972.2	0.0	0.0	39,972.2	0.0	0.0	0.0	0.0	0	0	0

Change Record Detail with Description (285)
Department of Environmental Conservation

Scenario: FY2023 Governor Amend Infrastructure (19092)
Component: Administrative Services (AR VASV) (635)
RDU: Administration (202)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	PFT	Positions PPT	NP
IJA Division E Drinking Water and Wastewater Infrastructure - Water Programs Procurement and Accounting (FY23-FY27)												
	IncT	471.7	209.1	0.0	262.6	0.0	0.0	0.0	0.0	2	0	0
1061 CIP Rcpts		359.7										
1230 AKCW Ad		56.0										
Fu												
1231 AKDW Ad		56.0										
Fu												
The Infrastructure Investment and Jobs Act provides hundreds of millions in federal funds that will be awarded to Alaska for water and wastewater projects. In order to implement these programs, the department will require increased capacity in the Clean Water, Drinking Water, Village Safe Water, and Technical Assistance & Financing programs. Federal funding will be available in these grant programs starting in FY2023 to support department operations.												
Funding and staffing estimates are based on anticipated capital appropriations for Village Safe Water and set-asides from supplemental capitalization grants to the Alaska Clean Water and Alaska Drinking Water State Revolving Loan Funds over the next five years, as well as preliminary guidance received on how the funds will be able to be used. As more information is received, the department anticipates adjustments to the staffing and line items necessary for implementation in order to maintain sufficient capacity over the next five years to support the increased infrastructure investment occurring in the state.												
The Division of Administration needs additional staff resources to support the Village Safe Water procurement team, as well as the facilities accounting team which provides accounting services directly to Village Safe Water and the Revolving Loan Fund programs.												
- Full-time Procurement Specialist 4, (18-#114), Range 20, located in Anchorage												
- Full-time Accountant 3, (18-#116), Range 18, located in Anchorage												
Component Totals		471.7	209.1	0.0	262.6	0.0	0.0	0.0	0.0	2	0	0

Change Record Detail with Description (285)
Department of Environmental Conservation

Scenario: FY2023 Governor Amend Infrastructure (19092)
Component: Environmental Health (AR VENH) (3202)
RDU: Environmental Health (207)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	PFT	Positions PPT	NP
IIJA Division E Title I Drinking Water - Federal Infrastructure Drinking Water Program Implementation (FY23-FY27)												
	IncT	8,126.1	5,131.6	438.2	2,118.0	438.3	0.0	0.0	0.0	6	0	0
1002 Fed Rcpts		8,126.1										
The Infrastructure Investment and Jobs Act provides hundreds of millions in federal funds that will be awarded to Alaska for water and wastewater projects. In order to implement these programs, the department will require increased capacity in the Drinking Water, Village Safe Water, and Technical Assistance & Financing programs. Federal funding will be available in these grant programs starting in FY2023 to support department operations.												
Funding and staffing estimates are based on anticipated capital appropriations for Village Safe Water and set-asides from supplemental capitalization grants to the Alaska Clean Water and Alaska Drinking Water State Revolving Loan Funds over the next five years, as well as preliminary guidance received on how the funds will be able to be used. As more information is received, the department anticipates adjustments to the staffing and line items necessary for implementation in order to maintain sufficient capacity over the next five years to support the increased infrastructure investment occurring in the state.												
The Division of Environmental Health Drinking Water program needs additional staff resources to provide oversight and coordination of the public water system projects expected to be generated by the infrastructure money available. The program will provide additional support for statewide compliance needs, including oversight of the sanitary survey inspection and training requirements. The program will also perform federally required plan reviews and separation distance waiver reviews for all new public water system treatment, distribution, and storage projects that will be generated by the infrastructure money.												
- Full-time Engineer 2 (18-#078), Range 23, located in Fairbanks												
- Full-time Environmental Program Manager 2 (18-#079), Range 22, located in Fairbanks												
- Full-time Engineering Assistant 3 (18-#044), Range 21, located in Anchorage												
- Full-time Engineering Assistant 3 (18-#045), Range 21, located in Fairbanks												
- Full-time Environmental Program Technician (18-#107), Range 13, located in Fairbanks												
- Full-time Accounting Technician 3 (18-#113), Range 16, located in Anchorage												
Component Totals		8,126.1	5,131.6	438.2	2,118.0	438.3	0.0	0.0	0.0	6	0	0

Change Record Detail with Description (285)
Department of Environmental Conservation

Scenario: FY2023 Governor Amend Infrastructure (19092)
Component: Water Quality, Infrastructure Support & Financing (AR VWIF) (3204)
RDU: Water (210)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		NP
										PFT	PPT	
IIJA Division E Title I Drinking Water - Federal Infrastructure Drinking Water Program Implementation (FY23-FY27)												
	IncT	4,582.7	456.3	185.0	3,904.4	37.0	0.0	0.0	0.0	3	0	0
1002 Fed Rcpts		4,276.9										
1231 AKDW Ad		305.8										
Fu												

The Infrastructure Investment and Jobs Act provides hundreds of millions in federal funds that will be awarded to Alaska for water and wastewater projects. In order to implement these programs, the department will require increased capacity in the Clean Water, Drinking Water, Village Safe Water, and Technical Assistance & Financing programs. Federal funding will be available in these grant programs starting in FY2023 to support department operations.

Funding and staffing estimates are based on anticipated capital appropriations for Village Safe Water and set-asides from supplemental capitalization grants to the Alaska Clean Water and Alaska Drinking Water State Revolving Loan Funds over the next five years, as well as preliminary guidance received on how the funds will be able to be used. As more information is received, the department anticipates adjustments to the staffing and line items necessary for implementation in order to maintain sufficient capacity over the next five years to support the increased infrastructure investment occurring in the state.

The Division of Water needs additional staff resources to provide oversight and coordination of Village Safe Water projects as well as oversight of increased loans issued from the State Revolving Loan Funds. The division will also provide additional technical assistance and capacity support to water systems through the Operator Certification and Capacity Development programs.

- Full-time Engineering Associate 1, (18-#103), Range 21, located in Anchorage
- Full-time Environmental Program Specialist 3, (18-#118), Range 18, located in Anchorage
- Full-time Grants Administrator 2, (18-#095), Range 17, located in Anchorage

IIJA Division E Title II Clean Water - Federal Infrastructure Clean Water Program Implementation (FY23-FY27)												
	IncT	1,192.7	491.4	35.0	629.3	37.0	0.0	0.0	0.0	3	0	0
1002 Fed Rcpts		886.8										
1230 AKCW Ad		305.9										
Fu												

The Infrastructure Investment and Jobs Act provides hundreds of millions in federal funds that will be awarded to Alaska for water and wastewater projects. In order to implement these programs, the department will require increased capacity in the Clean Water, Drinking Water, Village Safe Water, and Technical Assistance & Financing programs. Federal funding will be available in these grant programs starting in FY2023 to support department operations.

Funding and staffing estimates are based on anticipated capital appropriations for Village Safe Water and set-asides from supplemental capitalization grants to the Alaska Clean Water and Alaska Drinking Water State Revolving Loan Funds over the next five years, as well as preliminary guidance received on how the funds will be able to be used. As more information is received, the department anticipates adjustments to the staffing and line items necessary for implementation in order to maintain sufficient capacity over the next five years to support the increased infrastructure investment occurring in the state.

The Division of Water needs additional staff resources to provide oversight and coordination of Village Safe Water projects as well as oversight of increased loans issued from the State Revolving Loan Funds. The division will also provide additional technical assistance and capacity support to water systems through

Change Record Detail with Description (285)
Department of Environmental Conservation

Scenario: FY2023 Governor Amend Infrastructure (19092)
Component: Water Quality, Infrastructure Support & Financing (AR VWIF) (3204)
RDU: Water (210)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		
										PFT	PPT	NP

the Operator Certification and Capacity Development programs.

- Full-time Engineering Associate 1, (18-#092), Range 21, located in Anchorage
- Full-time Environmental Program Specialist 3, (18-#100), Range 18, located in Anchorage
- Full-time Environmental Impact Analyst 3, (18-#091), Range 19, located in Anchorage

IJA Division J Title VI - Federal Infrastructure Indian Health Services Village Safe Water Support (FY23-FY27)

IncT	1,585.4	875.0	0.0	705.4	5.0	0.0	0.0	0.0	0.0	5	0	0
1061 CIP Rcpts	1,585.4											

The Infrastructure Investment and Jobs Act provides hundreds of millions in federal funds that will be awarded to Alaska for water and wastewater projects. In order to implement these programs, the department will require increased capacity in the Clean Water, Drinking Water, Village Safe Water, and Technical Assistance & Financing programs. Federal funding will be available in these grant programs starting in FY2023 to support department operations.

Funding and staffing estimates are based on anticipated capital appropriations for Village Safe Water and set-asides from supplemental capitalization grants to the Alaska Clean Water and Alaska Drinking Water State Revolving Loan Funds over the next five years, as well as preliminary guidance received on how the funds will be able to be used. As more information is received, the department anticipates adjustments to the staffing and line items necessary for implementation in order to maintain sufficient capacity over the next five years to support the increased infrastructure investment occurring in the state.

The Division of Water needs additional staff resources to provide oversight and coordination of Village Safe Water projects as well as oversight of increased loans issued from the State Revolving Loan Funds. The division will also provide additional technical assistance and capacity support to water systems through the Operator Certification and Capacity Development programs.

- Full-time Facilities Manager 2, (18-#083), Range 21, located in Anchorage
- Full-time Engineering Associate 1, (18-#085), Range 21, located in Anchorage
- Full-time Environmental Program Specialist 3, (18-#087), Range 18, located in Anchorage
- Full-time Environmental Program Specialist 3, (18-#088), Range 18, located in Anchorage
- Full-time Environmental Program Specialist 3, (18-#089), Range 18, located in Anchorage

Additional State Support for Federal Infrastructure Water Program Implementation

IncT	135.4	134.9	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1	0	0
1004 Gen Fund	135.4											

The Infrastructure Investment and Jobs Act provides hundreds of millions in federal funds that will be awarded to Alaska for water and wastewater projects. In order to implement these programs, the department will require increased capacity in the Clean Water, Drinking Water, Village Safe Water, and Technical Assistance & Financing programs. Federal funding will be available in these grant programs starting in FY2023 to support department operations.

Funding and staffing estimates are based on anticipated capital appropriations for Village Safe Water and set-asides from supplemental capitalization grants to the Alaska Clean Water and Alaska Drinking Water State Revolving Loan Funds over the next five years, as well as preliminary guidance received on how the funds will be able to be used. As more information is received, the department anticipates adjustments to the staffing and line items necessary for

Change Record Detail with Description (285)
Department of Environmental Conservation

Scenario: FY2023 Governor Amend Infrastructure (19092)

Component: Water Quality, Infrastructure Support & Financing (AR VWIF) (3204)

RDU: Water (210)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		
										PFT	PPT	NP
implementation in order to maintain sufficient capacity over the next five years to support the increased infrastructure investment occurring in the state.												
The Division of Water needs additional staff resources to provide oversight and coordination of Village Safe Water projects as well as oversight of increased loans issued from the State Revolving Loan Funds. The division anticipates additional workload to continue conducting domestic wastewater system plan reviews. This work is not eligible for grant funding.												
- Full-time Engineering Associate 1, (18-#104), Range 21, located in Anchorage												
Component Totals		7,496.2	1,957.6	220.0	5,239.1	79.5	0.0	0.0	0.0	12	0	0

Clean Water Capitalization Grant Subsidy - IIJA, Division J, FY2023 Request: \$9,241,939
Title VI Reference No: 63863

AP/AL: Appropriation **Project Type:** Water / Sewer / Solid Waste
Category: Health/Human Services
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Randy Bates
Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)465-5307

Brief Summary and Statement of Need:

The Department of Environmental Conservation is required to issue subsidies as a condition of the Clean Water Loan Fund Capitalization Grant. The Infrastructure Investment and Jobs Act provides hundreds of millions in federal funds that will be awarded to Alaska for water and wastewater projects. At this time the department anticipates \$423.7 million in federal capitalization grants to the Alaska Clean Water and Alaska Drinking Water State Revolving Loan Funds (SRF) over the next five fiscal years. The department is required to subsidize a percentage of loans made from the fund. Capital appropriations are required to record that subsidy in the state accounting system.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1075 Clean Wtr	\$9,241,939	\$10,699,658	\$11,676,330	\$12,648,143	\$12,648,143		\$56,914,213
Total:	\$9,241,939	\$10,699,658	\$11,676,330	\$12,648,143	\$12,648,143	\$0	\$56,914,213

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ Ongoing
 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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P71 L29 HB69 \$2,000,000
 Sec1 Ch3 SLA2019 P3 L14 SB19 \$1,000,000
 Sec1 Ch19 SLA2018 P4 L21 SB142 \$587,700
 Sec1 Ch1 SLA2017 P4 L9 SB23 \$587,700
 Sec1 Ch18 SLA2014 P51 L10 SB119 \$563,200
 Sec1 Ch16 SLA2013 P63 L7 SB18 \$704,000
 Sec1 Ch17 SLA2012 P113 L8 SB160 \$2,583,400
 Sec1 Ch5 SLA2011 P81 L6 SB46 \$1,826,274
 Sec1 Ch43 SLA2010 P23 L16 SB230 \$1,826,274

In FY2023, roughly \$9.2 million is expected to be made available for traditional loans from the Clean Water loan fund.

Project Description/Justification:

The Department of Environmental Conservation receives an annual capitalization grant from Environmental Protection Agency (EPA) that funds the Alaska Clean Water Loan Fund. Under the

terms of the grant, the state is required to issue a certain amount of subsidies to grantees in the form of loan forgiveness.

This appropriation will be used as subsidy for traditional loans from the additional funds made available through the federal Infrastructure Investment and Jobs Act and is required to properly record the loan forgiveness as an expense in the Alaska Clean Water Loan Fund.

Clean Water Capitalization Grant Subsidy Emerging Contaminants - IJJA, Division J, Title VI

FY2023 Request: \$989,820
Reference No: 64195

AP/AL: Appropriation

Project Type: Water / Sewer / Solid Waste

Category: Health/Human Services

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Randy Bates

Estimated Project Dates: 07/01/2022 - 06/30/2027

Contact Phone: (907)465-5307

Brief Summary and Statement of Need:

The Department of Environmental Conservation is required to issue subsidies as a condition of the Clean Water Loan Fund Capitalization Grant. The Infrastructure Investment and Jobs Act provides hundreds of millions in federal funds that will be awarded to Alaska for water and wastewater projects. At this time the department anticipates \$423.7 million in federal capitalization grants to the Alaska Clean Water and Alaska Drinking Water State Revolving Loan Funds (SRF) over the next five fiscal years. The department is required to subsidize a percentage of loans made from the fund. Capital appropriations are required to record that subsidy in the state accounting system.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1075 Clean Wtr	\$989,820	\$2,231,203	\$2,231,203	\$2,231,203	\$2,231,203		\$9,914,632
Total:	\$989,820	\$2,231,203	\$2,231,203	\$2,231,203	\$2,231,203	\$0	\$9,914,632

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☒ Ongoing
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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P71 L29 HB69 \$2,000,000
Sec1 Ch3 SLA2019 P3 L14 SB19 \$1,000,000
Sec1 Ch19 SLA2018 P4 L21 SB142 \$587,700
Sec1 Ch1 SLA2017 P4 L9 SB23 \$587,700
Sec1 Ch18 SLA2014 P51 L10 SB119 \$563,200
Sec1 Ch16 SLA2013 P63 L7 SB18 \$704,000
Sec1 Ch17 SLA2012 P113 L8 SB160 \$2,583,400
Sec1 Ch5 SLA2011 P81 L6 SB46 \$1,826,274
Sec1 Ch43 SLA2010 P23 L16 SB230 \$1,826,274

In FY2023, roughly \$1 million is expected to be made available for loans from the Clean Water loan fund to address emerging contaminants.

Project Description/Justification:

The Department of Environmental Conservation receives an annual capitalization grant from Environmental Protection Agency (EPA) that funds the Alaska Clean Water Loan Fund. Under the terms of the grant, the state is required to issue a certain amount of subsidies to grantees in the form

**Clean Water Capitalization Grant Subsidy Emerging
Contaminants - IIJA, Division J, Title VI**

FY2023 Request: \$989,820
Reference No: 64195

of loan forgiveness. Funding for emerging contaminants requires that 100% of the federal funds be used as subsidization.

This appropriation will be used as subsidy to issue fully forgiven loans to address emerging contaminants from the additional funds made available through the federal Infrastructure Investment and Jobs Act and is required to properly record the grant as an expense in the Alaska Clean Water Loan Fund.

Drinking Water Capitalization Grant Subsidy - IIJA, Division J, Title VI **FY2023 Request: \$6,246,545**
Reference No: 63864

AP/AL: Appropriation **Project Type:** Water / Sewer / Solid Waste
Category: Health/Human Services
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Randy Bates
Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)465-5307

Brief Summary and Statement of Need:

The Department of Environmental Conservation is required to issue subsidies as a condition of the Clean Water Loan Fund Capitalization Grant. The Infrastructure Investment and Jobs Act provides hundreds of millions in federal funds that will be awarded to Alaska for water and wastewater projects. At this time the department anticipates \$423.7 million in federal capitalization grants to the Alaska Clean Water and Alaska Drinking Water State Revolving Loan Funds (SRF) over the next five fiscal years. The department is required to subsidize a percentage of loans made from the fund. Capital appropriations are required to record that subsidy in the state accounting system.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1100 ADWF	\$6,246,545	\$7,231,804	\$7,891,928	\$8,548,767	\$8,548,767		\$38,467,811
Total:	\$6,246,545	\$7,231,804	\$7,891,928	\$8,548,767	\$8,548,767	\$0	\$38,467,811

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P71 L31 HB69 \$5,800,000
 Sec1 Ch3 SLA2019 P3 L16 SB19 \$2,500,000
 Sec1 Ch19 SLA2018 P4 L25 SB142 \$2,041,000
 Sec1 Ch1 SLA2017 P4 L11 SB23 \$2,041,000
 Sec1 Ch2 SLA2016 P4 L5 SB138 \$2,526,300
 Sec1 Ch38 SLA2015 P3 L30 SB26 \$2,526,300
 Sec1 Ch18 SLA2014 P51 L12 SB119 \$2,526,300
 Sec1 Ch16 SLA2013 P63 L10 SB18 \$2,692,800
 Sec1 Ch17 SLA2012 P113 L11 SB160 \$4,634,000
 Sec1 Ch5 SLA2011 P81 L9 SB46 \$4,071,900
 Sec1 Ch43 SLA2010 P23 L19 SB230 \$4,071,900

In FY2023, roughly \$6.2 million is expected to be made available for traditional loans from the Drinking Water loan fund.

Project Description/Justification:

The Department of Environmental Conservation receives an annual capitalization grant from Environmental Protection Agency (EPA) that funds the Alaska Drinking Water Loan Fund. Under the

terms of the grant, the state is required to issue a certain amount of subsidies to grantees in the form of loan forgiveness.

This appropriation will be used as subsidy for traditional loans from the additional funds made available through the federal Infrastructure Investment and Jobs Act and is required to properly record the loan forgiveness as an expense in the Alaska Drinking Water Loan Fund.

Drinking Water Capitalization Grant Subsidy Emerging Contaminants- IIJA, Division J, Title VI

FY2023 Request: \$5,353,400
Reference No: 64196

AP/AL: Appropriation

Project Type: Water / Sewer / Solid Waste

Category: Health/Human Services

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Randy Bates

Estimated Project Dates: 07/01/2022 - 06/30/2027

Contact Phone: (907)465-5307

Brief Summary and Statement of Need:

The Department of Environmental Conservation is required to issue subsidies as a condition of the Clean Water Loan Fund Capitalization Grant. The Infrastructure Investment and Jobs Act provides hundreds of millions in federal funds that will be awarded to Alaska for water and wastewater projects. At this time the department anticipates \$423.7 million in federal capitalization grants to the Alaska Clean Water and Alaska Drinking Water State Revolving Loan Funds (SRF) over the next five fiscal years. The department is required to subsidize a percentage of loans made from the fund. Capital appropriations are required to record that subsidy in the state accounting system.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1100 ADWF	\$5,353,400	\$5,353,400	\$5,353,400	\$5,353,400	\$5,353,400		\$26,767,000
Total:	\$5,353,400	\$5,353,400	\$5,353,400	\$5,353,400	\$5,353,400	\$0	\$26,767,000

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☒ Ongoing
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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P71 L31 HB69 \$5,800,000
Sec1 Ch3 SLA2019 P3 L16 SB19 \$2,500,000
Sec1 Ch19 SLA2018 P4 L25 SB142 \$2,041,000
Sec1 Ch1 SLA2017 P4 L11 SB23 \$2,041,000
Sec1 Ch2 SLA2016 P4 L5 SB138 \$2,526,300
Sec1 Ch38 SLA2015 P3 L30 SB26 \$2,526,300
Sec1 Ch18 SLA2014 P51 L12 SB119 \$2,526,300
Sec1 Ch16 SLA2013 P63 L10 SB18 \$2,692,800
Sec1 Ch17 SLA2012 P113 L11 SB160 \$4,634,000
Sec1 Ch5 SLA2011 P81 L9 SB46 \$4,071,900
Sec1 Ch43 SLA2010 P23 L19 SB230 \$4,071,900

In FY2023, roughly \$5.4 million is expected to be made available for loans from the Drinking Water loan fund to address emerging contaminants.

Project Description/Justification:

The Department of Environmental Conservation receives an annual capitalization grant from Environmental Protection Agency (EPA) that funds the Alaska Drinking Water Loan Fund. Under the

**Drinking Water Capitalization Grant Subsidy Emerging
Contaminants- IIJA, Division J, Title VI**

FY2023 Request: \$5,353,400
Reference No: 64196

terms of the grant, the state is required to issue a certain amount of subsidies to grantees in the form of loan forgiveness. Funding for emerging contaminants requires that 100% of the federal funds be used as subsidization.

This appropriation will be used as subsidy to issue fully forgiven loans to address emerging contaminants from the additional funds made available through the federal Infrastructure Investment and Jobs Act and is required to properly record the grant as an expense in the Alaska Drinking Water Loan Fund.

Drinking Water Capitalization Grant Subsidy Lead Service **FY2023 Request:** **\$9,836,873**
Lines IIJA, Division J, Title VI **Reference No:** **64197**

AP/AL: Appropriation **Project Type:** Water / Sewer / Solid Waste
Category: Health/Human Services
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Randy Bates
Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)465-5307

Brief Summary and Statement of Need:

The Department of Environmental Conservation is required to issue subsidies as a condition of the Clean Water Loan Fund Capitalization Grant. The Infrastructure Investment and Jobs Act provides hundreds of millions in federal funds that will be awarded to Alaska for water and wastewater projects. At this time the department anticipates \$423.7 million in federal capitalization grants to the Alaska Clean Water and Alaska Drinking Water State Revolving Loan Funds (SRF) over the next five fiscal years. The department is required to subsidize a percentage of loans made from the fund. Capital appropriations are required to record that subsidy in the state accounting system.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1100 ADWF	\$9,836,873	\$9,836,873	\$9,836,873	\$9,836,873	\$9,836,873		\$49,184,365
Total:	\$9,836,873	\$9,836,873	\$9,836,873	\$9,836,873	\$9,836,873	\$0	\$49,184,365

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P71 L31 HB69 \$5,800,000
 Sec1 Ch3 SLA2019 P3 L16 SB19 \$2,500,000
 Sec1 Ch19 SLA2018 P4 L25 SB142 \$2,041,000
 Sec1 Ch1 SLA2017 P4 L11 SB23 \$2,041,000
 Sec1 Ch2 SLA2016 P4 L5 SB138 \$2,526,300
 Sec1 Ch38 SLA2015 P3 L30 SB26 \$2,526,300
 Sec1 Ch18 SLA2014 P51 L12 SB119 \$2,526,300
 Sec1 Ch16 SLA2013 P63 L10 SB18 \$2,692,800
 Sec1 Ch17 SLA2012 P113 L11 SB160 \$4,634,000
 Sec1 Ch5 SLA2011 P81 L9 SB46 \$4,071,900
 Sec1 Ch43 SLA2010 P23 L19 SB230 \$4,071,900

In FY2023, roughly \$9.8 million is expected to be made available for loans from the Drinking Water loan fund to address lead service lines.

Project Description/Justification:

The Department of Environmental Conservation receives an annual capitalization grant from Environmental Protection Agency (EPA) that funds the Alaska Drinking Water Loan Fund. Under the

Drinking Water Capitalization Grant Subsidy Lead Service Lines IIJA, Division J, Title VI	FY2023 Request:	\$9,836,873
	Reference No:	64197

terms of the grant, the state is required to issue a certain amount of subsidies to grantees in the form of loan forgiveness.

This appropriation will be used as subsidy for loans to address lead service lines from the additional funds made available through the federal Infrastructure Investment and Jobs Act and is required to properly record the loan forgiveness as an expense in the Alaska Drinking Water Loan Fund.

Wildlife Management and Research**FY2023 Request: \$24,000,000****Reference No: 60594****AP/AL:** Appropriation**Project Type:** Research / Studies / Planning**Category:** Natural Resources**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Eddie Grasser**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)267-2339**Brief Summary and Statement of Need:**

This multi-year project designates significant short-term investments in wildlife management to use unprecedented increase of available federal Pittman-Robertson Wildlife Restoration funding. The project enables the department to plan for targeted wildlife management, research, equipment, and infrastructure improvements.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed	\$18,000,000						\$18,000,000
Rcpts							
1024	\$6,000,000						\$6,000,000
Fish/Game							
Total:	\$24,000,000	\$0	\$0	\$0	\$0	\$0	\$24,000,000

<input checked="" type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
25% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec11 Ch1 SLA2021 P104 L33 HB69 \$10,000,000

Sec1 Ch3 SLA2019 P4 L16 SB19 \$3,200,000

Sec1 Ch19 SLA2018 P5 L26 SB142 \$20,000,000

Sec8 Ch1 SLA2017 P91 L17 HB57 \$12,000,000

Sec1 Ch38 SLA2015 P4 L30 SB 26 \$12,250,000

Sec1 Ch18 SLA2014 P52 L25 SB 119 \$4,000,000

Sec1 Ch5 SLA2011 P83 L7 SB 46 \$2,225,000

Sec1 Ch5 SLA2011 P83 L20 SB 46 \$720,000

Sec4 Ch30 SLA2007 P93 L8 SB 53 \$2,000,000

Sec1 Ch82 SLA2006 P70 L29 SB 231 \$1,600,000

Past capital project reference numbers include: FY2015 - 58645, FY2012 - 53833 & 41452, FY2008 - 43393, and FY2007 - 42114.

Project Description/Justification:

Due to increased gun and ammunition sales, the funds from Federal Aid (Pittman-Robertson Wildlife Restoration) continue at an unprecedented rise. This past year, collections increased 65% over the previous already high year. As recently as 2012, the Pittman-Robertson amount to Alaska was \$15 million, the average

over the last five years totaled approximately \$30 million, and yet this year Alaska will receive \$46.4 million. To fully obligate those increased federal dollars, this project will use those funds and will prevent their reversion.

A 25 percent match is required from non-federal sources. Fish & Game Fund will be used as match, and the department will also seek other non-federal sources to meet the federal grant management guidelines.

Aircraft hangars - \$4 million: Aircraft hangars are needed in Nome and Fairbanks to protect and store State of Alaska owned and operated aircraft. Both locations experience long periods of severely inclement weather, and Nome has recently lost one aircraft due to wind damage. Hangar storage in both locations would greatly improve flight efficiency related to pre and post flight, save on maintenance costs, and eliminate the need to provide after hours staff availability to protect and monitor aircraft during windstorms.

Infrastructure to Support Wildlife Management - \$6 million: It is vital for the division to maintain its human presence in remote areas of the state close to the wildlife resource and the people who depend on it. However, recruiting and retaining biologists in remote Alaska has become increasingly difficult. The Division of Wildlife Conservation (DWC) has struggled for over a decade to recruit and retain qualified biologists in rural Alaska and have determined that in places such as King Salmon, Dillingham, Nome, Kotzebue, Barrow, and Prince of Wales Island, finding available and adequate housing is a significant hurdle. This project allows DWC to purchase, build, or repair housing in areas of the state where housing is a barrier to recruit or retain employees, or where temporary housing is needed to facilitate wildlife management work. In addition, this project would fund construction of a heated storage building to house agricultural equipment at the Creamer's Refuge in Fairbanks.

Wildlife Management and Research - \$6 million: While Alaska's constitution and management track record has ensured that wildlife management is sustainable, efforts continue to undermine the State's management. Work is needed to clearly document the sustainability and success of Alaska's wildlife management. Where DWC staff resources are limiting, the division will partner with cooperators to address these needs. Potential partners include the Alaska Cooperative Fish and Wildlife Research Unit, Alaska Department of Fish & Game Gene Conservation Laboratory, the University of Alaska, nonprofit hunting conservation organizations, and others.

New developments in genetics and other fields show promise for improving and offering alternatives for the delineation and assessment of wildlife populations. Target species include moose, caribou, wolves, bears, sheep, small game, and waterfowl where existing monitoring techniques are not adequate or changing environmental conditions (e.g., snow cover) are hampering surveys. Funds will also be used to stretch dollars previously appropriated to enable critical research on subsistence needs and that inform ESA decisions. Inadequate information typically results in stronger regulatory protection measures, which in many instances may provide little to no conservation benefit to the species.

Habitat Enhancement - \$3 million: This funds projects to improve habitat quality for moose populations by increasing quality and quantity of forage as well as assess the efficacy of habitat treatments. In many areas across the state habitat can be improved through mechanical means and fire management to stimulate new growth of hardwood species preferred by moose and other game species. In some places, such as the Kenai Peninsula, moose populations declined because available forage grew out of reach. In places like the Matanuska Valley Moose Range, the land has not had recent fire or silvicultural activity to stimulate hardwood regeneration. With a planned prescribed fire regime aspen regeneration can be managed over this landscape to maintain variable aged stands that benefit moose over decades, along with grouse. Through coordination with our state and federal partners, new and existing projects can expand to improve the quality and quantity of moose forage in all seasons. Communities also benefit from this type of management where forest 'fuels' are reduced to limit the impact of wildland fire. Hardwood management near homes and neighborhoods limits fire's intensity to allow fire fighters time for suppression.

Photocensus - \$2 million: Photocensus is a high priority and is key in determining harvestable surplus in some of the most important Intensive Management caribou populations in the state. In 2016, DWC purchased two customized digital aerial camera systems for caribou photocensus surveys. Current staff have worked to expand the use of the camera systems to species other than caribou and have successfully used the systems to survey bison both for enumeration and some preliminary work on composition. This project allows us to broaden the photocensus program to other species through research and development (sheep, moose, muskox, seals etc.) and to take full advantage of the available capabilities of the system to generate a wide range of mapping products. It also allows for upgrades to cameras in one system from 100 megapixel to 150 megapixel models; development of survey design/techniques for other species; integration of deep learning/artificial intelligence technology to automate counting processes; and software and hardware maintenance including long-term data storage solutions to address current limit of network based storage on local servers.

Data Management, Analytics Improvements, and Infrastructure - \$1 million: This project allows for improvements to data management and data analysis systems. The division has a large number of applications, databases, and tools used for data storage, data management, data analysis, and regulatory/statutory compliance. Over time, ad-hoc tools have been developed across the division, many of which use outdated software, are poorly documented, and difficult to maintain.

This project would take a division wide approach to data management and analysis allowing better reliability and greater insight into field data collection, biological samples, wildlife management, and regulatory data. A previous project provided funding for development of hunt management, demographic matching, and hunt eligibility systems. This project will address development of data management, data warehouse, and data analysis systems that are reliable, supportable, maintainable, and accessible. These tools will allow biologists, managers, and other staff insight into division data that they currently do not have allowing them to better fulfill the division's mission.

Shooting Ranges - \$.5 million: Participation in hunting has been steadily declining nationally since the 1980s. As revenue from hunters and shooters is the primary funding for wildlife conservation both nationally and the decline in participation poses an increasing threat to wildlife conservation. Nevertheless, in Alaska, existing ranges have experienced significant increases in use and participation over the last several years. This project would allow the department to enhance existing facilities to provide more shooting access and opportunities and provide additional funding to support increasing requests from private ranges and organizations to enhance private range development and improvement. Shooting range development and improvement will provide the public with enhanced opportunities to develop and/or improve their skills to locate and secure natural wild food for their families providing for themselves and the communities where they live.

Equipment - \$.75 million: This project will fund needed equipment around the state and includes snow machines, ATVs, small boats and outboard motors, radio telemetry collars, trailers, trucks and spectrometers, and other necessary field equipment. This equipment supports multiple federal-aid projects. The funds will be used across the state to support moose, caribou, musk ox, bear, sheep, deer, furbearer, waterfowl, and outreach projects.

Habitat conservation - \$.75 million: To conserve important fish and wildlife habitats and to assure public access and uses such as hunting, trapping, and wildlife viewing.

Change Record Detail with Description (285)
Department of Health

Scenario: FY2022 Supplemental Infrastructure (19074)
Component: Energy Assistance Program (AR H065) (226)
RDU: Public Assistance (73)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		
										PFT	PPT	NP
FY2022 Supplemental Infrastructure												
IIJA Division J Title VII - Low Income Home Energy Assistance Program												
	Suppl	314.0	0.0	0.0	0.0	0.0	0.0	314.0	0.0	0	0	0
1002 Fed Rcpts		314.0										
Division J Title VII of the Infrastructure Investment and Jobs Act provides a supplemental appropriation to the Low Income Home Energy Assistance Program (LIHEAP) to be distributed in federal FY2022. LIHEAP recipients may use these funds for any purpose normally authorized under the federal LIHEAP statute (42 USC 8621 et seq.), including heating, cooling, crisis, weatherization assistance, immediate and temporary home energy needs caused by natural disasters, case management for the reduction of home energy burden, and administrative costs.												
Component Totals		314.0	0.0	0.0	0.0	0.0	0.0	314.0	0.0	0	0	0

**Homeland Security State and Local Cybersecurity Grant
Program - I/JA Division J, Title VI**

FY2023 Request: \$2,404,400
Reference No: 61869

AP/AL: Appropriation

Project Type: Life / Health / Safety

Category: Public Protection

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Craig Christenson

Estimated Project Dates: 07/01/2022 - 06/30/2027

Contact Phone: (907)428-6003

Brief Summary and Statement of Need:

Federal receipt authority and required general fund match for the State and Local Cybersecurity Grant from the U.S. Department of Homeland Security (DHS).

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$2,164,000	\$4,328,000	\$3,246,000	\$1,082,000			\$10,820,000
1003 G/F Match	\$240,400	\$1,082,000	\$1,391,100	\$721,300			\$3,434,800
Total:	\$2,404,400	\$5,410,000	\$4,637,100	\$1,803,300	\$0	\$0	\$14,254,800

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☒ Ongoing
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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

The State and Local Cybersecurity Grant program supports state, local, and tribal governments in improving cybersecurity and addressing cybersecurity threats and risks to their IT systems. Eighty percent (80%) of funding is required to be passed to local and tribal government. Within that, a minimum of 25% is required go to rural areas. The state cost-share requirement is initially 10% and increases by 10% each subsequent year, ending with a 50% state cost share in the fifth year which will remain in place for future years.

National Geological and Geophysical Data Preservation Program (NGGDPP)

FY2023 Request: \$3,290,000
Reference No: 64331

AP/AL: Appropriation

Project Type: Life / Health / Safety

Category: Natural Resources

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Theresa Cross

Estimated Project Dates: 07/01/2022 - 06/30/2027

Contact Phone: (907)269-6398

Brief Summary and Statement of Need:

This project proposes acquisition of multispectral scanning equipment to leverage the value of the Geologic Materials Center (GMC) energy and mineral core and rock collections using petrophysical, hyperspectral, and optical analytical digital scanning technologies to expand global access to Alaska geologic datasets and stimulate the exploration and development of Alaska's resources.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$2,290,000						\$2,290,000
1004 Gen Fund	\$1,000,000						\$1,000,000
Total:	\$3,290,000	\$0	\$0	\$0	\$0	\$0	\$3,290,000

☐ State Match Required ☒ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
0% = Minimum State Match % Required ☐ Amendment ☐ Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	3,290,000	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	3,290,000	0

Prior Funding History / Additional Information:

The federal portion of this grant is an annual competitive, non-formula grant program for all state geological surveys.

Project Description/Justification:

Over the next four federal fiscal years, the November 2021 Federal Infrastructure Act allocated \$23,668,000 to the National Geological and Geophysical Data Preservation Program (NGGDPP). This will fund state geological surveys and performing geological and geophysical data preservation projects with an emphasis to increase understanding and access to domestic sources of critical minerals.

DGGS needs federal authorization to apply for and receive these funds from the federal agency. The grant requires a 1-to-1 federal-to-state match. DGGS can meet this match requirement by using the Geologic Materials Center Multispectral Scanning CIP appropriated to DGGS in FY2022. The FY2022 CIP consist of \$865,000 Unrestricted General Fund (UGF), \$275,000 General Fund Program Receipt (GF/PR), and \$150,000 in Statutory Designated Program Receipts (SDPR).

The ability to receive these federal funds would increase the available equipment for scanning and

**National Geological and Geophysical Data Preservation
Program (NGGDPP)**

FY2023 Request: \$3,290,000
Reference No: 64331

lengthen the term DGGs could employ technicians to scan the collection, resulting in a greater percentage of the collection being scanned, made available and digitally archived.

It is imperative that the State of Alaska preserve the collection of data at the GMC, estimated at ~\$38 billion in replacement cost, as it will not last forever. Some core samples are already beginning to degrade to the point of limited use.

An overarching objective of the GMC is to curate the collection and expand global access to these materials to stimulate the exploration and development of Alaska's resources physically and digitally. Digitalization of GMC rock samples extends the reach of Alaska geologic datasets to the diversity of expertise and interests of worldwide explorationists.

Local access to scanning equipment will incentivize Alaska exploration companies to share their drill-core samples with DGGs, thereby benefiting both the company with more detailed datasets in the short-term and resource industries in the long-term. Online access to a new generation of multi-spectral geologic datasets will support applied industry, government, and university research to increase the understanding of Alaska's rich and complex geologic history.

It is important that the State uses this opportunity to further scan the collection and improve the storage, visualization, and distribution of these digital datasets and make them available to the global geologic community. The existence of in-hand, state funding as match makes Alaska well situated, relative to other states, to preferentially benefit from Infrastructure Bill funding.

Initial purchase and operation of multispectral equipment involves front-loaded capital expenditures to initiate the program. We will continue to utilize the two Natural Resource Technicians approved in the previous CIP. A new long-term non-permanent Analyst/Programmer will be required due to the additional data types and volumes. This new LTNP position will help expand the multispectral datasets by improving web applications and perform database modifications for the storage and dissemination of large digital geologic datasets.

Line Item Breakdown	Amount
1000 Personal Services	250,000
2000 Travel	50,000
3000 Services	350,000
4000 Commodities	79,000
5000 Capital Outlay	2,561,000
Total	3,290,000

Critical Minerals Mapping - Earth MRI (3DEEP)**FY2023 Request: \$10,500,000****Reference No: 61849****AP/AL:** Appropriation**Project Type:** Research / Studies / Planning**Category:** Natural Resources**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Theresa Cross**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)269-6398**Brief Summary and Statement of Need:**

From 1993-2015, the State's AGGMI program annually produced geophysical surveys, geologic maps, and datasets to attract industry exploration investment and facilitate resource development. This program will produce geological and geophysical maps of high-potential mineral areas in Alaska, focused on critical minerals. The published new data and digitally upgraded historical data will spur private sector investment in Alaska, generate jobs, and help the nation's critical mineral supply.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$7,500,000						\$7,500,000
1004 Gen Fund	\$2,750,000						\$2,750,000
1108 Stat Desig	\$250,000						\$250,000
Total:	\$10,500,000	\$0	\$0	\$0	\$0	\$0	\$10,500,000

☒ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ Ongoing
 33% = 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec1 Ch1 SLA2019 P5 L12 SB2002 \$600,000

Sec1 Ch3 SLA2019 P5 L18 SB19 \$3,000,000

Sec1 Ch19 SLA2018 P8 L14 SB142 \$5,000,000

FY2021 10-2021-5318 \$1.5M Federal Receipts (1002) / \$300K Statutory Designated Program Receipts (1008)

Project Description/Justification:

If Alaska is going to function as America's critical mineral warehouse and be able to support world class mining operations, Alaska must have the data necessary to attract exploration investment and drive discovery.

Alaska has significant potential to produce critical minerals (inclusive of strategic minerals and Rare Earth Elements), but the basic datasets required for their exploration are lacking. This project will provide those data; complete, modern magnetic and radiometric geophysical surveys and complete modern geochemical data and additional modern geological mapping covering Alaska's numerous

critical mineral belts. This same information will also be used by industry to explore for precious and base metals and will aid all sectors of Alaska's mining industry. This work is strongly supported by the mining industry; the Alaska Minerals Commission has recommended funding for this work in each of their last three annual reports, and industry regularly financially contributes to its collection.

In May 2021, the Governor's Office asked the Alaska Division of Geological & Geophysical Surveys (DGGs) to submit a "Mapping State Lands for Critical Minerals" funding request. Additionally, in May 2021, the Alaska legislature requested DGGs supply "by December 1, 2021, a proposal to conduct large geophysical, geochemical, and geological data collections over mineral-rich portions of the state, and to develop fee schedules to charge for the raw data, once collected, while publishing low-cost hardcopy maps, and providing free access to visual representations of the data through the division's website." The latter proposal has been submitted and this CIP aligns with these two requests.

In November 2021, the \$1.2T Infrastructure Bill was passed by the US Congress. This bill significantly expanded federal funding available for the same activities under the federal Earth MRI program. Funds were appropriated to the USGS for the federal fiscal years 2022-2026 in the amount of \$64 million/year, in addition to their base annual appropriation for Earth MRI of \$10.6 million/year. A portion of these funds is expected to come to Alaska and can displace the need for state funds. Our discussions with federal agencies indicate that will be approximately \$7 million per year for federal fiscal years 2022-2026 (State fiscal years 2023-2027).

Alaska's land status coupled with federal and state priorities create locations where there are areas of state-only, federal-only, and overlapping mapping interests. This budget reflects using federal funds to offset state monies in areas of overlapping federal/state interest and includes general funds to support data collection on state-owned lands.

State Fiscal Year	Nominal Critical Mineral Belt	Area (sq. km)	UGF / ARPA			SDPR	FED
			Geophysical Surveys	Geochemical Analyses	Geologic Mapping	Geophysical Surveys	Earth MRI
FY2023	Interior	52,907	\$1,750,000	\$250,000	\$750,000	\$250,000	\$7,500,000
FY2024	SW Alaska	72,436	\$1,750,000	\$250,000	\$750,000	\$250,000	\$7,500,000
FY2025	Seward Peninsula	72,687	\$1,750,000	\$250,000	\$750,000	\$250,000	\$7,500,000
FY2026	Alaska Range	32,769	\$1,750,000	\$250,000	\$750,000	\$250,000	\$7,500,000
FY2027	Southern Brooks Range	58,764	\$1,750,000	\$250,000	\$750,000	\$125,000	\$3,500,000
FY2027	SE Alaska & Ruby	72,436				\$125,000	\$4,000,000

Deliverables:

- Approximately 1,000,000-line-kilometers of fixed-wing airborne magnetic, radiometric, or electromagnetic surveys covering all state lands within the critical mineral belts. These are Level 2, regional-scale surveys with 400-meter-spaced flight lines, like other recently flown surveys.
- New multi-element geochemical analyses for all available stream sediment samples within the same critical mineral belts, estimated to be 42,000 samples.
- New 1:100,000-scale geologic mapping covering approximately 50,000 square kilometers.
- Free viewing of all data via web apps on the Division's website.
- Paper maps and reports will be available for all products at a nominal charge.
- Digital versions of the state-funded data suitable for advanced processing will be available

Line Item Breakdown	Amount	Items
2000 Travel	200,000	Travel
3000 Services	10,250,000	Geophysical, geochemical, helicopter & analytical contracts
4000 Commodities	50,000	Field equipment; supplies
Total	10,500,000	

Abandoned Mine Lands Reclamation Federal Program**FY2023 Request:****\$1,333,000****Reference No:****6855****AP/AL:** Appropriation**Project Type:** Life / Health / Safety**Category:** Natural Resources**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Jashryn Mendoza**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2495**Brief Summary and Statement of Need:**

The Legislature enacted the Alaska Surface Mining Control and Reclamation Act (SMCRA) in 1983 (AS.27.21). The act's primary purpose is to promote the reclamation of areas mined before the enactment of the federal Surface Mining Control and Reclamation Act of 1977. Conditions on some of these mined areas could endanger public health and safety, have environmental implications, and prevent the beneficial use of or damage land and water resources. This federal grant program funds the inventory and remediation of abandoned coal mining sites and facilities under SMCRA guidelines.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$1,333,000						\$1,333,000
Total:	\$1,333,000	\$0	\$0	\$0	\$0	\$0	\$1,333,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ Ongoing
 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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P74 L27 HB69 \$3,200,000
 Sec5 Ch8 SLA2020 P66 L19 HB205 \$3,200,000
 Sec1 Ch3 SLA2019 P5 L13 SB19 \$3,200,000
 Sec1 Ch19 SLA2018 P7 L22 SB142 \$3,200,000
 Sec1 Ch1 SLA2017 P5 L26 SB23 \$3,200,000
 Sec1 Ch2 SLA2016 P5 L17 SB138 \$3,200,000
 Sec1 Ch38 SLA2015 P5 L17 SB26 \$3,200,000
 Sec1 Ch18 SLA2014 P57 L8 SB119 \$3,200,000
 Sec1 Ch16 SLA2013 P71 L12 SB18 \$3,000,000

Project Description/Justification:

This capital project is being increased as a result of the federal infrastructure bill increase for the Abandoned Mine Land Reclamation (AML) program. The AML program performs reclamation on qualifying sites within Alaska. For the next 8-10 years the program will focus on the reclamation of several highwalls located in the Healy Valley. Highwalls are created as result of strip mining; strip mining is the method commonly used to mine coal seams from the surface. Highwalls are vertical cliff

like faces which were left after the coal was extracted, and pose a threat to public health, safety and general welfare by falling from a highwall cliff or by being hit from falling rock.

All funding for this program comes from federal grants; no general funds are required. This program contractually employs up to 75 Alaskans in private sector construction jobs each year.

The current AML project is Phase I of the Cripple Creek Pit and it is expected to be complete in the early summer of 2022. The AML program has been reclaiming a series of abandoned strip mines near Healy, Alaska. These pits are located on state land and they have been given a high priority by the Governor's office to be reclaimed. The AML program has been working to the reclaim the state's abandoned mine inventory since the early 1980's and the Cripple Pit is currently the focus. The AML program must work on reclamation projects each summer to keep the federal grants active and not expire. The program has three years in which to spent grant money.

Operating costs for the AML program are determined by a combination of salaried program staff and construction costs. The AML program currently has 3.5 full time employees on staff including two Engineering Assistant II's, one Engineering Associate, and .5 of an Administrative Assistant. Construction costs for reclamation work are ultimately decided by the size and scope of a project. Program staff work on reclamation designs and are responsible for estimating project costs based on engineering and earth science practices. Large scale projects are then put out to bid and follow all state required contracting procedures.

What was accomplished with prior funding?

(2021) Construction on phase I of the Cripple Creek project resumed in mid-May 2021 and will continue through the duration of the field season, likely early October. AML staff are also working on designs for Phase II of the Cripple Creek pit, and are in the planning stage to develop access to future reclamation projects. This includes reestablishing previously constructed but now abandoned mining roads. Construction of a crossing across Coal Creek will also be required and is currently in the planning phase.

(2020) On April 15th construction of the Cripple Creek bridge began. The project was completed on June 30th at a total cost of \$955,441.52. In late August reclamation activities began on phase I of the Cripple Creek Pit project. Phase I of the project is estimated to cost nearly \$5 million. The project is scheduled to be completed by June 30, 2022.

(2019) In the fall of 2019 the AML Program completed the Vitro Pit Reclamation Project. This project addressed 2100 linear feet of dangerous highwall while also eliminating severe erosion issues in the Healy Creek area. The total cost of the project was \$5,079,208.64.

The remaining months of 2019 were spent developing designs for a small modular bridge to be installed over Cripple Creek to provide access to the Cripple Creek pit. AML staff also spent significant time designing reclamation plans for Phase I of the Cripple Creek pit.

(2018) On going reclamation activities on the Vitro Pit Project.

(2017) Hydraulic Pit Reclamation Project was completed in 2017. This project addressed 1600 feet of dangerous highwalls and erosion issues in the Healy Creek area. In June of 2017 the Vitro Pit reclamation project was started and is currently on-going.

(2016) Three mine openings associated with the Inspiration Mine were closed in September of 2016.

(2016) The AML Program funded an archaeological survey of the Hudson Mill. Demolition is planned for 2019.

(2014) The AML program demolished the old Healy Creek Washplant.

(2014) The AML Program completed backfilling 3 shafts on Ester Dome known as the Equinox Trail Shafts.

(2012 and 2013) The AML Program constructed two bridges in the Healy Valley area which provide access to previously mined and abandoned areas. These bridges will support at least a decade's worth of reclamation work with future funding that the program expects to receive.

(2011) The AML Program completed reclamation of 20 acres of smoldering coal fines near Sutton, AK by capping the area with a 2-foot layer of clay followed by a 1-foot layer of gravel. The project also improved 2 miles of an existing mining road which will provide better access to State land for recreational users.

(2010) The AML Program completed cleanup of 5 acres of land known as the historic Vitro Camp in the Healy Valley. This work consisted of removing derelict equipment and disposing of asbestos.

(2010) The AML Program placed gravel along on the north and west side of Slipper Lake to improve access to camping areas.

(2009) The AML Program closed two shafts in the Sutton area and placed jersey barriers at the edge of an old highwall to block access to an old strip pit.

(2009) The AML Program completed road improvements to a ¼ mile of the Jonesville Road near Sutton, established a fire truck turnaround near the fire hydrant at Slipper Lake, and placed gravel on 10 acres near Slipper Lake to improve camping areas and the boat launch.

Line Item Detail

Line Item	Amount
1000 Personal Services	\$0
2000 Travel	\$0
3000 Services	\$1,322,000
4000 Commodities	\$11,000
5000 Capital Outlay	\$0
7000 Grants	\$0
Total Request	\$1,333,000

Community Wildfire Defense Grants**FY2023 Request: \$3,000,000****Reference No: 37769****AP/AL:** Appropriation**Project Type:** Life / Health / Safety**Category:** Natural Resources**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Jashryn Mendoza**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2495**Brief Summary and Statement of Need:**

This project provides receipt authority for federal and local government funded projects including competitive grant awards for hazardous fuels reduction, wildfire and prevention education, special forest disease surveys, forest restoration projects, biomass inventories, towns and cities targeted for community forestry projects, and tree plantings and forest stewardship plans. Other program areas complete work as part of the forest inventory and analysis (FIA) program, Good Neighbor Authority (GNA) projects with the USFS on federal lands in the Tongass and Chugach National Forests, Challenge Cost Share projects with the Tongass National Forest and agreements for one-time local government funded field projects.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$3,000,000						\$3,000,000
Total:	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
☒ Ongoing
 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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P75 L3 HB69 \$7,000,000
 Sec1 Ch1 SLA2020 P5 L27 SB19 \$1,400,000
 Sec1 Ch3 SLA2019 P5 L27 SB19 \$1,400,000
 Sec1 Ch19 SLA2018 P7 L33 SB142 \$1,400,000
 Sec1 Ch1 SLA2017 P6 L9 SB23 \$1,400,000
 Sec1 Ch2 SLA2016 P5 L24 SB138 \$1,800,000
 Sec1 Ch38 SLA2015 P5 L23 SB26 \$1,800,000
 Sec1 Ch18 SLA2014 P57 L32 SB119 \$1,800,000
 Sec1 Ch16 SLA2013 P71 L29 SB18 \$1,500,000

Project Description/Justification:

The Federal and Local Government Funded Forest Resource and Fire Program provides federal receipts to meet Alaska's vast forest and fire-related needs. The project enlists cooperation at the local level throughout Alaska, using a combination of federal resources and other funding provided by municipalities. Towns and cities across the state benefit from these projects. This cooperation is

especially important given the short field season in Alaska. Projects focus on forest stewardship and restoration, fire prevention education outreach, and training, wildfire risk reduction via fuel mitigation and defensible space work near communities and individual properties and equipping rural village fire crews. Typical awarded projects include:

- A competitive grant award for Community Wildfire Protection Plan development in the Copper River Basin.
- Forest management, including fuel mitigation.
- Plan and conduct annual field work by a 20-person crew to collect forest and other resource data for the national Forest Inventory Analysis (FIA) program.

Federal funds are expended in accordance with program and project requirements as approved by the granting agency some of those activities are listed below:

- Educational outreach throughout the State with the Firewise and Wildland Fire Prevention message delivered to schools and civic groups, and at home shows, fairs and parades
- New public service announcements and print media development, reinforcing the Firewise and fire prevention messages.
- Training of local emergency firefighters, local government and rural village firefighting crews, and grants to organize, train and equip rural volunteer fire departments for fire response.
- Surveying Alaska's forested landscapes for forest disease and invasive insects - forest restoration projects include ongoing bark beetle mitigation in the Susitna Valley, Tok, Haines and Kenai.
- Development of forest stewardship plans to assist private landowners and native corporations.

What was accomplished with prior funding?

Federally supported State Fire Assistance, Forest Health, Urban & Community Forestry, and Stewardship programs were successfully implemented, leveraging the state's resources in the continued protection, development and management of the state's natural resources by enlisting cooperation at the local level throughout Alaska. Accomplishments include:

- Aerial and ground bases forest pest surveys.
- Technical assistance to the public regarding forest health and invasive species. Ongoing forest pest prevention, suppression, restoration and eradication projects in the Northern Interior, South Central and Southeast Alaska.
- Continued implementation the Arbor Day Foundation Tree City USA, Tree Line USA and Tree Campus USA programs.
- Implementation of the competitive Landscape Scale Restoration Grant "Fish Need a Forest". Provided technical assistance and training to State and local agency employees, arborists, landscape architects and the general public.
- Mitigated hazardous fuels in Kenai, Fairbanks, Mentasta, and Anchorage/Eagle River communities.
- Community Wildfire Protection Plan development for the communities of Gulkana, Gakona and Chistochina.

Community Wildfire Defense Grants**FY2023 Request: \$3,000,000**
Reference No: 37769

- Developed print media public service announcements and outreach material for Firewise and Wildland Fire Prevention efforts on a statewide level.
- Passed through grants to rural fire departments for training, equipment, supplies and prevention materials.
- Continued improvement of the Integrated Fire Management (IFM) computer dispatching systems used for the dispatching of resources to wildland fires.
- Training and recurrence training provided to local government, local emergency firefighters and rural village crews; approximately 700 trained annually.
- Continued development of Stewardship Plans with native corporations and private landowners.
- Completed installation of 300 permanent forest inventory plots as part of the FIA program in the Glennallen and Mat-Su regions.
- Completed a second GNA timber sale on the Tongass National Forest in conjunction with a state sale, over 30 million feet sold in the last two years on federal lands.
- Working with the Tongass National Forest, completed a three-year young growth forest inventory project and are currently working on a Southeast State Forest inventory project.

Providing workforce development training to residents of southeast to work on forest inventory, stream surveys and restoration and related forest wide resource management projects.

Line Item Detail

Line Item	Amount
1000 Personal Services	
2000 Travel	
3000 Services	
4000 Commodities	
5000 Capital Outlay	
7000 Grants	\$3,000,000
Total Request	\$3,000,000

Federal Program Match**FY2022 Request: \$19,800,000****Reference No: 60772****AP/AL:** Appropriation with Allocations**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

This appropriation provides state matching funds for federal programs.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1003 G/F Match	\$19,800,000						\$19,800,000
Total:	\$19,800,000	\$0	\$0	\$0	\$0	\$0	\$19,800,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

See project allocations for detailed project descriptions.

Federal-Aid Highway State Match**FY2022 Request: \$19,800,000****Reference No: 64125****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Federal Program Match**Brief Summary and Statement of Need:**

State match is required for approximately \$186.9 million in federal-aid highway funding. These funds may also be used for advanced acquisition of Right-of-Way (ROW) parcels for projects that are eligible for federal funding. These ROW parcels can be used in lieu of the State matching funds on a federally-funded project. It is also allowable that match funds be used for correcting off-system bridges. When the State performs work on improving bridges with non-federal funds, the value of this work can be credited as required match toward federally-funded bridge work. This means each such match dollar serves the State twice, once correcting a bridge problem and again as a match credit.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1003 G/F Match	\$19,800,000						\$19,800,000
Total:	\$19,800,000	\$0	\$0	\$0	\$0	\$0	\$19,800,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ Ongoing
 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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P84 L7 HB69 \$71,200,000
 Sec5 Ch8 SLA2020 P68 L14 HB205 \$47,340,939
 Sec11 Ch8 SLA2020 P75 L14 HB205 \$8,109,305
 Sec11 Ch8 SLA2020 P80 L28 HB205 \$9,549,756
 Sec1 Ch1 SLA2019 P6 L26 SB2002 \$60,000,000
 Sec1 Ch19 SLA2018 P10 L28 SB142 \$51,850,000
 Sec1 Ch1 SLA2017 P8 L23 SB23 \$34,100,000
 Sec1 Ch2 SLA2016 P8 L3 SB138 \$42,600,000
 Sec1 Ch38 SLA2015 P7 L19 SB26 \$50,000,000
 Sec1 Ch16 SLA2013 P86 L23 SB18 \$40,000,000
 Sec1 Ch17 SLA2012 P141 L23 SB160 \$47,200,000
 Sec1 Ch5 SLA2011 P102 L28 SB46 \$42,000,000
 Sec7 Ch43 SLA2010 P39 L5 SB230 \$41,100,000
 Sec1 Ch15 SLA2009 P22 L32 SB75 \$27,880,000
 Sec13 Ch29 SLA2008 P161 L25 SB221 \$40,600,000
 Sec4 Ch30 SLA2007 P105 L17 SB53 \$40,000,000

Project Description/Justification:

Each year the Department estimates the amount of State matching funds based on the amount and type of federal highway funds expected to be available in a fiscal year. This budget is based on preliminary estimates of the federal-aid highway funding that will be available in FY2022. The Department has estimated federal funding levels to be approximately \$205.6 million in program funds.

The requested match amount is calculated as follows:

\$186.9 million Expected Supplemental Federal Highway funds which require an average of 10% State match (some at 9.03%, and a smaller portion at 20%)

$\$186.9 \text{ million} / 90.97\% = \205.6 M (program total including match amount)

\$205.6 million	Program total including match amount
<u>- 186.9 million</u>	Federal funds
\$18.7 million	Match needed
<u>+ 1.1 million</u>	Funds for federally-ineligible project costs (1/2 of 1% of program total)
\$ 19.8 million	Total match required for FY2022 Supplemental

\$19.8 million FY2022 supplemental capital budget project for match, PE at risk, and federally-ineligible costs for highway projects.

Airport Improvement Program**FY2022 Request: \$73,400,000****Reference No: 7470****AP/AL:** Appropriation with Allocations**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Federal airport improvements are outlined in the Airport Improvement Program and the International Airports Program. The Airport Improvement Program (AIP) provides grants to public entities, like the State of Alaska Department of Transportation and Public Facilities (DOT&PF), for planning and development of public-use airports. Eligible projects include improvements related to enhancing airport safety, capacity, security, and environmental concerns. In general, sponsors can get AIP funds for most airfield capital improvements or rehabilitation projects and in some specific situations, for terminals, hangars, and non-aviation development. Certain professional services that are necessary can also be eligible.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$70,000,000						\$70,000,000
1027 Int Airprt	\$3,400,000						\$3,400,000
Total:	\$73,400,000	\$0	\$0	\$0	\$0	\$0	\$73,400,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

See project allocations for detailed project descriptions.

Project Description/Justification:**Alaska International Airport Systems (AIAS)**

The AIAS Operating Agreement, effective FY2014, is a ten-year agreement signed by the majority of AIAS customer airlines, consisting of regional, domestic, international, passenger, and cargo operators. The AIAS Operating Agreement successfully represents a collaborative process to address commercial interests and the public interest of Alaskans. It establishes rates, fees, roles and responsibilities for the State of Alaska and airline partners; use of terminal and airfield space; and outlines long-term funding commitments by the Signatory Airlines in guaranteeing funding for future operating and capital improvement project costs.

The AIAS is operated as a state-owned enterprise fund under the Department of Transportation and Public Facilities (DOT&PF). Each year, this project provides for AIAS projects based on the amount and type of funds estimated to be available to the state in a fiscal year.

Rural Airport System Projects

DOT&PF receives federal funding through the Airport Improvement Program (AIP). In general, AIP funds are used for projects that enhance airport safety, capacity, security, and environmental concerns. Most airfield capital improvements, repairs, property acquisition, and professional services (such as planning, surveying, and design) are eligible.

All projects must meet Federal Aviation Administration (FAA) regulatory and policy requirements regarding adequate justification and compliance with FAA design standards, in addition to meeting all federal environmental, permitting, and procurement requirements.

Proposed airport project needs are collected and entered into the DOT&PF's Alaska Airport Needs Directory and AIP Needs list through input from aviation interests, community representatives, FAA staff, the Alaska State Legislature, and DOT&PF staff.

DOT&PF scores projects based on aviation criteria and guidance and prepares detailed project nomination sheets and estimates for most major construction projects. Criteria include safety, health and quality of life, economic development, maintenance and operations issues, local capital contribution to project cost, and others. The project nomination goes through a regional screening and then is evaluated by the Aviation Project Evaluation Board. This board scores project nominations statewide. The highest scoring projects are then ranked competitively and the highest ranking projects are considered for inclusion in the AIP Spending Plan. In some cases, projects are included in the Spending Plan based on federal requirements from the FAA or the Transportation Security Administration (TSA).

The AIP Spending Plan is a planning and programming document that is continuously revised to adjust for project schedules and cost estimate changes as projects develop. Should a scheduled project encounter delays and be unable to advance as proposed, if actual project bids come in lower than estimated, or if sufficient funds are identified for other reasons, the Department selects alternative or supplemental projects from the AIP Spending Plan that best serve the interests of the state in the maintenance and operation of the aviation system.

To be eligible to receive federal funding to construct an AIP project, the project must meet the following prerequisites:

- Project prioritized (scored and ranked for most major construction projects)
- Project is included in the AIP Spending Plan
- Adequate Legislative authority obtained
- Environmental analysis completed and approved by FAA
- Airport Layout Plan approved by FAA
- Airspace coordination completed by FAA
- Sufficient land interests have been acquired
- Project design completed and approved by FAA

Airport Improvement Program**FY2022 Request: \$73,400,000****Reference No: 7470**

Projects may be added or deleted over time as the Spending Plan evolves. Please check http://dot.alaska.gov/stwdav/documents/Rural_Airport_System_AIP_Spending_Plan.pdf for the most up-to-date AIP Spending Plan.

AIAS - State Match

FY2022 Request: \$3,400,000
Reference No: 64360

AP/AL: Allocation**Project Type:** Construction**Category:** Transportation**Location:** Anchorage Areawide**House District:** Anchorage Areawide (HD 12-28)**Impact House District:** Anchorage Areawide (HD 12-28)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

State match is required for approximately \$26.4 million in federal funding for the Alaska International Airport System.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1027 Int Airprt	\$3,400,000						\$3,400,000
Total:	\$3,400,000	\$0	\$0	\$0	\$0	\$0	\$3,400,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history.

Cordova Airport Rescue and Fire Fighting Building Replacement

FY2022 Request: \$19,400,000
Reference No: 63945

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Cordova

House District: Kodiak/Cordova/Seldovia (HD 32)

Impact House District: Kodiak/Cordova/Seldovia (HD 32)

Contact: Dom Pannone

Estimated Project Dates: 07/01/2021 - 06/30/2026

Contact Phone: (907)465-2956

Appropriation: Airport Improvement Program

Brief Summary and Statement of Need:

Replace the existing deteriorated Cordova Airport Rescue and Fire Fighting (ARFF) building.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$19,400,000						\$19,400,000
Total:	\$19,400,000	\$0	\$0	\$0	\$0	\$0	\$19,400,000

☒ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
6% = 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

Replace the existing deteriorated Cordova Airport Rescue and Fire Fighting (ARFF) building.

Homer Airport Improvements - Stage 2**FY2022 Request: \$14,200,000****Reference No: 64273****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Homer**House District:** Homer/South Kenai (HD 31)**Impact House District:** Homer/South Kenai (HD 31)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Rehabilitate deteriorated airport surfaces and other components, including the following: rehabilitate runway; reconstruct runway lighting; remove obstructions; resurface taxiway; reconstruct taxiway lighting; resurface apron; construct new apron and taxiway.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$14,200,000						\$14,200,000
Total:	\$14,200,000	\$0	\$0	\$0	\$0	\$0	\$14,200,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history.

Hoonah Seaplane Base Dredging & Creek Relocation**FY2022 Request:****\$500,000****Reference No:****64268****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Hoonah**House District:** Sitka/Petersburg (HD 35)**Impact House District:** Sitka/Petersburg (HD 35)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Hoonah Seaplane Base dredging and creek relocation.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$500,000						\$500,000
Total:	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Ketchikan Seaplane Ramp Replacement**FY2022 Request: \$2,500,000****Reference No: 64271**

AP/AL: Allocation
Category: Transportation
Location: Ketchikan

Project Type: Construction

House District:
 Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

Contact: Dom Pannone

Impact House District:
 Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Reconstruct the seaplane haulout ramp and remove the unsafe seaplane parking slips.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$2,500,000						\$2,500,000
Total:	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

The haulout ramp is eroded to the point where aircraft damage is a serious concern every time the ramp is used to bring an aircraft out of the water. The ramp's location also interferes with the airport's terminal expansion plans. This project will rebuild the haulout ramp in a new location and will allow seaplane owners to pull their planes out of the water for maintenance purposes.

The seaplane slips have dilapidated, and we no longer allow persons to park there. The Murphy's Pullout Seaplane Base will be expanded in a separate project to allow permanent and transient parking of privately owned seaplanes.

Sitka Airport Terminal Building Modifications**FY2022 Request: \$7,000,000****Reference No: 63966****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Sitka**House District:** Sitka/Petersburg (HD 35)**Impact House District:** Sitka/Petersburg (HD 35)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Modify existing city-owned airport terminal to improve efficiency, safety, and scrutiny.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$7,000,000						\$7,000,000
Total:	\$7,000,000	\$0	\$0	\$0	\$0	\$0	\$7,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

Modify existing city-owned airport terminal to improve efficiency, safety, and scrutiny.

TSAIA - Taxiway Zulu East**FY2022 Request: \$26,400,000****Reference No: 63918****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Proposed work to extend Taxiway (TW) Z, reconfigure TW C perpendicular to RW 7R/25L, and reconfigure Taxilane (TL) Kulis. The project work involves: extending TW Z approximately 1,725 feet to the east; reconfiguring the existing TW C interlinking geometry from RW 7R/25L to TW Z to meet current FAA requirements and tie-in grades; reconfiguring the existing TL Kulis geometry from TW Z to the end of the Kulis Apron to meet current FAA requirements and tie-in grades; relocating the tug road parallel to RW 7R/25L; demolishing Kulis Hangar 3 to accommodate the extension of TW Z and the relocated tug road. Additional work includes taxiway lighting, signs, striping, fencing, drainage improvements, and adjusting utilities.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$26,400,000						\$26,400,000
Total:	\$26,400,000	\$0	\$0	\$0	\$0	\$0	\$26,400,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

This project improves safety for aircraft and vehicles accessing RW 7R/25L by providing a taxiway access and egress at the east end of RW 7R/25L. FAA recommends that runway crossings be located in the outer thirds of the runways and at right angles whenever possible. Ted Stevens Anchorage International Airport (ANC) believes that Air Traffic Control will direct most aircraft to use this taxiway to cross the runway.

To perform as the parallel taxiway for RW 7R/25L, TW Z must be extended to the east to meet Airplane Design Group (ADG) VI and Taxiway Design Group (TDG) 6 standards. To extend TW Z, the existing TW C and TL Kulis must be reconfigured to meet the proposed grades and FAA requirements. To avoid conflicts with the TW Z extension, the existing tug road must be relocated. To accommodate the extended and widened TW Z and the relocated tug road the Kulis Hangar 3 must

TSAIA - Taxiway Zulu East

FY2022 Request: \$26,400,000

Reference No: 63918

be removed. Revising and constructing associated taxiways and taxilanes maintains ANC's compliance with the above-stated FAA requirements.

Surface Transportation Program**FY2022 Request: \$185,114,787****Reference No: 32610****AP/AL:** Appropriation with Allocations**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

This project is for federal surface transportation improvements as outlined in the Statewide Transportation Improvement Program (STIP), the Fixing America's Surface Transportation Act (FAST), and the annual federal appropriations acts. The STIP is the state's four-year program for transportation system preservation and development. It includes interstate, state and some local highways, bridges, ferries and, public transportation, but does not include airports or non-ferry-related ports and harbors. It covers all system improvements for which partial or full federal funding is approved and that are expected to take place during the duration of the STIP.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$185,114,787						\$185,114,787
Total:	\$185,114,787	\$0	\$0	\$0	\$0	\$0	\$185,114,787

<input checked="" type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
9% = 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:

Sec8 Ch1 SLA2021 P84 L23 HB69 \$862,972,298
 Sec5 Ch8 SLA2020 P68 L4 HB205 \$650,000,000
 Sec1 Ch3 SLA2019 P8 L13 SB19 \$690,000,000
 Sec1 Ch19 SLA2018 P11 L7 SB142 \$670,000,000
 Sec1 Ch1 SLA2017 P9 L5 SB23 \$580,000,000
 Sec1 Ch2 SLA2016 P12 L13 SB138 \$888,200,000
 Sec1 Ch38 SLA2015 P10 L29 SB26 \$924,520,000
 Sec1 Ch18 SLA2014 P70 L25 SB119 \$648,250,000
 Sec1 Ch16 SLA2013 P86 L21 SB18 \$519,400,000
 Sec1 Ch17 SLA2012 P141 L21 SB160 \$451,764,000
 Sec1 Ch5 SLA2011 P109 L8 SB46 \$482,635,000
 Sec7 Ch43 SLA2010 P43 L25 SB230 \$537,350,240
 Sec7 Ch15 SLA2009 P51 L19 SB75 \$24,397,600
 Sec1 Ch15 SLA2009 P29 L32 SB75 \$359,730,000
 Sec10 Ch15 SLA2009 P60 L13 SB75 \$1,550,000
 Sec13 Ch29 SLA2008 P166 L24 SB221 \$255,020,150
 Sec4 Ch30 SLA2007 P110 L15 SB53 \$332,845,300

Project Description/Justification:

Each year, the department requests legislative authority for the Surface Transportation Program based on the amount and type of federal highway funds estimated to be available to the state in a federal fiscal year.

This budget is based on estimates of the federal-aid highway funding that will be available in Federal Fiscal Year (FFY) 2023 through 2027 under the Infrastructure Investment and Jobs Act (IIJA). FFY2023 is represented as the closest approximate forecast. FFY2024-2027 are rounded down to account for fluctuation in the program. FFY2028 is not expected to maintain IIJA levels of funding and has been forecasted at FAST Act levels of funding with an inflation factor applied.

Federal statutes (23 USC 135) require that to use federal-aid highway funding from the U.S. Department of Transportation or the Federal Highway Administration, the state must develop a STIP. The STIP must cover all surface transportation improvements for which partial or full federal funding is approved and that are expected to take place during the four-year duration of the STIP. Alaska's surface transportation program is mostly driven by federal funds and requirements.

The Department of Transportation & Public Facilities is required to carry out a continuing, cooperative, and comprehensive statewide transportation planning process that includes a stringent public participation process to afford public involvement opportunities and provide reasonable public access to technical and policy information used in the development of the STIP. This process includes notifying cities and boroughs impacted by changes in the STIP, so officials have an opportunity to evaluate and comment on the impacts changes to the STIP have on their communities. In addition, as part of the non-metropolitan consultation process, the department reviews and considers resolutions, plans, and project priorities of local governments.

This STIP includes additional projects that could proceed if additional funding becomes available. The STIP is a four-year, fiscally constrained planning and programming document that is continuously revised to adjust for project schedules and funding categories as projects develop. Should a scheduled project encounter delays and be unable to advance as proposed, actual project bids come in lower than estimated, or if sufficient funds are identified for other reasons, the department selects projects from the STIP list that best serve the interests of the state in the maintenance and operation of the surface transportation system.

Please check <http://dot.alaska.gov/stwdplng/cip/stip/index.shtml> for the most up-to-date approved STIP.

Highway Infrastructure Program (HIP) Bridge Formula Program**FY2022 Request: \$45,000,000**
Reference No: 64252**AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

New Infrastructure Investment and Jobs Act (IIJA) supported program for preserving bridges in a state of good repair or modernizing them to bring them up to current safety and other standards. These funds can be used on planning, design, acquisition of right-of-way, construction, and utilities, among others.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$45,000,000						\$45,000,000
Total:	\$45,000,000	\$0	\$0	\$0	\$0	\$0	\$45,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

**Promoting Resilient Operations for Transformative,
Efficient, and Cost-Saving Transportation (PROTECT)**

FY2022 Request: \$17,900,000
Reference No: 64253

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Dom Pannone

Estimated Project Dates: 07/01/2021 - 06/30/2026

Contact Phone: (907)465-2956

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

New Infrastructure Investment and Jobs Act (IIJA) supported program for planning, designing, and construction activities associated with existing and new infrastructure to make them more resilient to natural disasters, adverse weather conditions, and climate change. Projects may include implementation of mitigating features, strengthening systems that remove rainwater, relocating roadways to higher ground or away from slide-prone areas, stabilizing slopes, installing riprap, etc.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$17,900,000						\$17,900,000
Total:	\$17,900,000	\$0	\$0	\$0	\$0	\$0	\$17,900,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Carbon Reduction Program**FY2022 Request: \$15,700,000****Reference No: 64250****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

New Infrastructure Investment and Jobs Act (IIJA) supported program for evaluating, designing, and constructing projects in support of Carbon Reduction (IIJA Sec.11403). Projects will support the reduction of transportation emissions, including but not limited to traffic monitoring and management; public transportation; intelligent transportation systems; street lighting and traffic control devices; development of carbon reduction strategy; congestion pricing; and efforts to reduce environmental impact from freight.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$15,700,000						\$15,700,000
Total:	\$15,700,000	\$0	\$0	\$0	\$0	\$0	\$15,700,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

National Electric Vehicle Infrastructure (NEVI)**FY2022 Request: \$7,758,240****Reference No: 64251****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

New Infrastructure Investment and Jobs Act (IIJA) supported program for developing a statewide electric vehicle plan and implementing the plan by way of Title 23 projects. Projects can include but are not limited to acquisition and installation of charging infrastructure as well as operating assistance for costs allocable to operating and maintaining infrastructure acquired in this program. Infrastructure must be (1) open to the public or (2) to an authorized commercial motor vehicle operator from more than one company.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$7,758,240						\$7,758,240
Total:	\$7,758,240	\$0	\$0	\$0	\$0	\$0	\$7,758,240

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Alaska Highway System - State of Good Repair Projects - Designs **FY2022 Request: \$5,000,000**
Reference No: 64246

AP/AL: Allocation **Project Type:** Construction
Category: Transportation
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Dom Pannone
Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

The Alaska Highway System (AHS) is a network of roadways not included on the National Highway System (NHS) and are defined in regulation. Funding will be provided to design projects that will maintain facilities in a state of good repair.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$5,000,000						\$5,000,000
Total:	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history.

Ferry Boat Funds**FY2022 Request: \$10,000,000****Reference No: 64248****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

This authority will be used to capture new federal revenue coming to the state and will be utilized for projects such as but not limited to refurbishments, condition surveys, shoreside facility condition surveys, and the design, construction, and leasing of ferry boats and terminals.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$10,000,000						\$10,000,000
Total:	\$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"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

**Glenn Highway Arctic Avenue to Palmer-Fishhook Road
Safety and Capacity Improvements**

**FY2022 Request: \$750,000
Reference No: 64249**

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Anchorage Areawide

House District: Anchorage Areawide (HD 12-28)

Impact House District: Anchorage Areawide (HD 12-28)

Contact: Dom Pannone

Estimated Project Dates: 07/01/2021 - 06/30/2026

Contact Phone: (907)465-2956

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Project will construct capacity and safety improvements to the Glenn Highway to Palmer Fishhook Road.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$750,000						\$750,000
Total:	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history.

Glenn Highway Hiland Road Interchange and Artillery Road Interchange Preservation **FY2022 Request:** **\$450,000**
Reference No: **64238**

AP/AL: Allocation **Project Type:** Construction
Category: Transportation **House District:** Anchorage Areawide (HD 12-28)
Location: Anchorage Areawide **Contact:** Dom Pannone
Impact House District: Anchorage Areawide (HD 12-28)
Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Project will make short term improvements to the Hiland Road and Artillery Road interchange utilizing the existing bridges over the highway.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$450,000						\$450,000
Total:	\$450,000	\$0	\$0	\$0	\$0	\$0	\$450,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

STIP Need ID: 31846

**Glenn Highway Incident Management Traffic
Accommodations**

**FY2022 Request: \$1,100,000
Reference No: 64086**

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Anchorage Areawide

House District: Anchorage Areawide (HD
12-28)

Impact House District: Anchorage Areawide (HD
12-28)

Contact: Dom Pannone

Estimated Project Dates: 07/01/2021 - 06/30/2026

Contact Phone: (907)465-2956

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Nontraditional infrastructure will be installed as needed to keep saturated traffic moving during highway incidents that otherwise would shut down the transportation system. These include median crossovers, wider ramps, roundabout ramp terminals, and frontage roads, all of which would facilitate contraflow and continuous flow per event.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$1,100,000						\$1,100,000
Total:	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$1,100,000

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

STIP Need ID: 31839

Glenn Highway Mile Point 158-172 Rehabilitation**FY2022 Request:****\$850,000****Reference No:****64091****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Anchorage Areawide**House District:** Anchorage Areawide (HD 12-28)**Impact House District:** Anchorage Areawide (HD 12-28)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Rehabilitate the Glenn Highway between Mileposts 158 and 172. Project work will include removing and replacing drainage structures and performing isolated subgrade repairs in poor embankment subgrade locations.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$850,000						\$850,000
Total:	\$850,000	\$0	\$0	\$0	\$0	\$0	\$850,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

STIP Need ID: 32018

Haines Highway Reconstruction, Mile Point 3.5-25.3**FY2022 Request: \$8,406,708****Reference No: 63586****AP/AL:** Allocation**Category:** Transportation**Location:** Haines**Project Type:** Renewal and Replacement**House District:** Downtown

Juneau/Douglas/Haines/Skagway (HD 33)

Contact: Dom Pannone**Impact House District:** Downtown

Juneau/Douglas/Haines/Skagway (HD 33)

Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Replace bridge #742 and realignment of road on either side. Widen road to 36'. Straighten curves to meet a 55 mph design speed. Provide a long-term solution to debris flow problems. Enhancements planned along the Chilkat River. This project will construct from Mile Point 20 to 25 (Milepost 20 to 25.3) and is one of three construction projects that fall under the Haines Highway Reconstruction design project, Need ID 2152. Other construction segments under Need IDs 26330 and 27829.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$8,406,708						\$8,406,708
Total:	\$8,406,708	\$0	\$0	\$0	\$0	\$0	\$8,406,708

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

STIP Need ID: 2152

Ice Roads & Seasonal Roads Maintenance Program**FY2022 Request:****\$2,000,000****Reference No:****64224****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

New IIJA supported program for providing communities with funding necessary to maintain and operate their ice roads and seasonal roads.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$2,000,000						\$2,000,000
Total:	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

**Juneau Downtown National Highway System (NHS)
Corridor**

**FY2022 Request: \$1,200,000
Reference No: 64239**

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Juneau (Downtown Juneau)

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

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

Contact: Dom Pannone

Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Repair of pavement in downtown Juneau. Additionally, more pedestrian protection, particularly along Thane Road to Mt. Roberts Street.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$1,200,000						\$1,200,000
Total:	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$1,200,000

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

STIP Need ID: 32024

Ketchikan Sayles/Gorge St. Viaduct Improvement**FY2022 Request:****\$817,330****Reference No:****63608****AP/AL:** Allocation**Project Type:** Renovation and Remodeling**Category:** Transportation**Location:** Southeast Alaska**House District:** Southeast Region (HD 33-36)**Impact House District:** Southeast Region (HD 33-36)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Replace or rehabilitate the Sayles/Gorge St. Viaduct (#1841) in Ketchikan.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$817,330						\$817,330
Total:	\$817,330	\$0	\$0	\$0	\$0	\$0	\$817,330

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

STIP Need ID: 28890

National Highway System State of Good Repair Projects - Designs **FY2022 Request: \$18,000,000**
Reference No: 64232

AP/AL: Allocation **Project Type:** Construction
Category: Transportation
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Dom Pannone
Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

The National Highway System (NHS) is a network of roadways and are defined in federal statute. Funding will be provided to design projects that will maintain state facilities in a state of good repair.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$18,000,000						\$18,000,000
Total:	\$18,000,000	\$0	\$0	\$0	\$0	\$0	\$18,000,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history.

Nome Center Creek Road Rehabilitation**FY2022 Request: \$1,209,901****Reference No: 63603****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Nome**House District:** Bering Straits/Yukon Delta
(HD 39)**Impact House District:** Bering Straits/Yukon Delta
(HD 39)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Rehabilitate Center Creek Road in Nome from Seppala Drive to Nome-Teller Hwy, including realignment of Center Creek Road and FAA/Doyle Road intersections. Rehabilitation includes resurfacing, drainage improvements, re-shaping, paving, and installing signage and road markers.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$1,209,901						\$1,209,901
Total:	\$1,209,901	\$0	\$0	\$0	\$0	\$0	\$1,209,901

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P85 L31 HB69 \$154,649

STIP Need ID: 26156

**Parks Highway Mile Point 63-128 (Milepost 99 to 163)
Drainage and Culvert Improvements**

**FY2022 Request: \$11,007,370
Reference No: 64050**

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Parks Highway

House District: Unidentified House District

Impact House District: Unidentified House District

Contact: Dom Pannone

Estimated Project Dates: 07/01/2021 - 06/30/2026

Contact Phone: (907)465-2956

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Project consists of rehabilitation of the Parks Highway, replacement of failing culverts, correcting deficient geometry, and other improvements.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$11,007,370						\$11,007,370
Total:	\$11,007,370	\$0	\$0	\$0	\$0	\$0	\$11,007,370

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

STIP Need ID: 29914

Rock Slope Stabilization**FY2022 Request: \$3,000,000****Reference No: 64226****AP/AL:** Allocation**Category:** Transportation**Location:** Ketchikan**Project Type:** Construction**House District:**

Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

Contact: Dom Pannone**Impact House District:**

Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Program to identify, evaluate, analyze, design, and construct projects for the purpose of stabilizing rock slopes.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$3,000,000						\$3,000,000
Total:	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Seward Highway and Alyeska Highway Intersection Improvements**FY2022 Request: \$4,798,688**
Reference No: 64222**AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Anchorage Areawide**House District:** Anchorage Areawide (HD 12-28)**Impact House District:** Anchorage Areawide (HD 12-28)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Construct improvement to the Seward Highway and Alyeska Highway intersection to improve traffic flow and safety.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$4,798,688						\$4,798,688
Total:	\$4,798,688	\$0	\$0	\$0	\$0	\$0	\$4,798,688

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

STIP Need ID: 29761

Seward Highway and Sterling Highway Intersection Improvements**FY2022 Request: \$5,458,000**
Reference No: 64221**AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Anchorage Areawide**House District:** Anchorage Areawide (HD 12-28)**Impact House District:** Anchorage Areawide (HD 12-28)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Construct improvement to the Seward Highway and Sterling Highway intersection to improve traffic flow and safety.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$5,458,000						\$5,458,000
Total:	\$5,458,000	\$0	\$0	\$0	\$0	\$0	\$5,458,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

STIP Need ID: 29350

**Seward Highway and Tudor Road Interchange
Reconstruction****FY2022 Request: \$3,000,000
Reference No: 64254****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Anchorage Areawide**House District:** Anchorage Areawide (HD
12-28)**Impact House District:** Anchorage Areawide (HD
12-28)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Provide increased separation and additional facilities for nonmotorized users. Reduce capacity constraints that are encouraging risky driver behavior at overcapacity intersections/conflict points. Address off ramp capacity constraints potentially creating unanticipated stopped freeway traffic or need to immediately rapidly decelerate. Other safety measures to be identified during design phase will be incorporated.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$3,000,000						\$3,000,000
Total:	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

**Seward Highway Mile Point 14 Railroad Crossing
Reconstruction**

FY2022 Request: \$864,550
Reference No: 63655

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Anchorage Areawide

House District: Anchorage Areawide (HD
12-28)

Impact House District: Anchorage Areawide (HD
12-28)

Contact: Dom Pannone

Estimated Project Dates: 07/01/2021 - 06/30/2026

Contact Phone: (907)465-2956

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Project will reconstruct Alaska Railroad Corporation (ARRC) undercrossing near Mile 14 of the Seward Highway to accommodate ARRC's project to elevate railroad track by 3 feet.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$864,550						\$864,550
Total:	\$864,550	\$0	\$0	\$0	\$0	\$0	\$864,550

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P90 L9 HB69 \$45,150

STIP Need ID: 33247

Seward Highway Mile Point 98.5-118 Bird Flats to Rabbit Creek Reconstruction **FY2022 Request: \$18,194,000**
Reference No: 64220

AP/AL: Allocation **Project Type:** Construction
Category: Transportation
Location: Anchorage Areawide **House District:** Anchorage Areawide (HD 12-28)
Impact House District: Anchorage Areawide (HD 12-28) **Contact:** Dom Pannone
Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Reconstruct the Seward Highway from Bird Flats to Rabbit Creek as a four lane highway.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$18,194,000						\$18,194,000
Total:	\$18,194,000	\$0	\$0	\$0	\$0	\$0	\$18,194,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history.

Steese Expressway Mile Point 2-5 Rehabilitation**FY2022 Request:****\$400,000****Reference No:****64090****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Fairbanks (Areawide)**House District:** Fairbanks Areawide (HD 1-5)**Impact House District:** Fairbanks Areawide (HD 1-5)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Rehabilitate the Steese Expressway from Mile Point 2-5 (Johansen Expressway to Chena Hot Springs Rd). Work includes embankment and pavement leveling to improve the driving surface, drainage improvements, and required upgrades to guardrail and concrete median barrier.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$400,000						\$400,000
Total:	\$400,000	\$0	\$0	\$0	\$0	\$0	\$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"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

STIP Need ID: 29829

Tok Cutoff Mile Point 0-8 Rehabilitation**FY2022 Request:****\$350,000****Reference No:****64256****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Tok**House District:** Eielson/Denali/Upper
Yukon/Border (HD 6)**Impact House District:** Eielson/Denali/Upper
Yukon/Border (HD 6)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Resurface the Tok Cutoff from Mile Point 0-8. Perform isolated subgrade repairs in locations of poor embankment subgrade. Improved surface will support improvement in travel time, especially with truck travel times.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$350,000						\$350,000
Total:	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Tok Cutoff Mile Point 76-91 Rehabilitation**FY2022 Request:****\$950,000****Reference No:****64257****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Tok**House District:** Eielson/Denali/Upper
Yukon/Border (HD 6)**Impact House District:** Eielson/Denali/Upper
Yukon/Border (HD 6)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

This is an interstate section which is in a condition below the threshold specified by the infrastructure condition regulations. Due to a permafrost rich foundation there needs to be extensive ditch line and drainage improvements. Double chip seal is the preferred surface for maintenance. A new surface will support attainment of the pavement targets.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$950,000						\$950,000
Total:	\$950,000	\$0	\$0	\$0	\$0	\$0	\$950,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Tok Cutoff Mile Point 8-22 Rehabilitation**FY2022 Request:****\$950,000****Reference No:****64258****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Tok**House District:** Eielson/Denali/Upper
Yukon/Border (HD 6)**Impact House District:** Eielson/Denali/Upper
Yukon/Border (HD 6)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Rehabilitate the Tok Cutoff from Mile Point 76-91. Remove and replace drainage structures, repair and rehabilitate various isolated sections of poor roadway embankment.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$950,000						\$950,000
Total:	\$950,000	\$0	\$0	\$0	\$0	\$0	\$950,000

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history.

Federal Program Match**FY2023 Request: \$31,000,000****Reference No: 60772****AP/AL:** Appropriation with Allocations**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

This appropriation provides state matching funds for federal programs.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1003 G/F Match	\$31,000,000						\$31,000,000
Total:	\$31,000,000	\$0	\$0	\$0	\$0	\$0	\$31,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

See project allocations for detailed project descriptions.

Federal-Aid Aviation State Match**FY2023 Request: \$4,300,000****Reference No: 6896****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Federal Program Match**Brief Summary and Statement of Need:**

State match is required to pursue approximately \$108 million in federal Aviation Improvement Program funds. The match will be used for Rural Airport System airports. The non-federal match share is 6.25%. These funds may also be used for advanced acquisition of Right-of-Way (ROW) parcels for projects that are eligible for federal funding. This ROW can be used in lieu of the State matching funds on a federally-funded project.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1003 G/F Match	\$4,300,000						\$4,300,000
Total:	\$4,300,000	\$0	\$0	\$0	\$0	\$0	\$4,300,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P84 L7 HB69 \$5,200,000
 Sec5 Ch8 SLA2020 P68 L12 HB205 \$8,853,400
 Sec1 Ch1 SLA2019 P6 L24 SB2002 \$12,000,000
 Sec1 Ch19 SLA2018 P32 L17 SB142 \$11,075,704
 Sec1 Ch1 SLA2017 P8 L21 SB23 \$10,800,000
 Sec1 Ch2 SLA2016 P7 L32 SB138 \$10,800,000
 Sec1 Ch38 SLA2015 P7 L17 SB26 \$11,700,000
 Sec1 Ch16 SLA2013 P81 L16 SB18 \$11,700,000
 Sec1 Ch17 SLA2012 P137 L29 SB160 \$11,700,000
 Sec1 Ch5 SLA2011 P102 L26 SB46 \$11,900,000
 Sec7 Ch43 SLA2010 P39 L3 SB230 \$8,600,000
 Sec1 Ch15 SLA2009 P22 L30 SB75 \$6,320,000
 Sec13 Ch29 SLA2008 P161 L23 SB221 \$9,200,000
 Sec4 Ch30 SLA2007 P105 L15 SB53 \$15,000,000

Project Description/Justification:

The Department provides the required match funding based on the estimated federal funding that

will be available for obligation in the immediate future. This match funding will primarily be applied to projects expected to be obligated beginning in the fourth quarter of Federal Fiscal Year (FFY) 2022 through the fourth quarter of FFY2023. This match funding may also be applied to projects funded beyond FFY2023, to the extent funding is available. The Federal Aviation Improvement Program funding level is based on the amount of federal funds that have historically been made available in recent years as well as the amounts expected to be appropriated by Congress for FFY2022 and 2023.

The requested match amount is calculated as follows:

Rural Airport Program

\$63.2 million in federal funds requires a 6.25% state match

$\$63.2 \text{ million} / 93.75\% = \67.4 (program total including match amount)

$\$67.4 \text{ million} - \$63.2 \text{ million} = \$4.2 \text{ million match requirement}$

Summary:

\$ 4.2 million rural airport program state match funding

+\$ 0.1 million funds for unforeseen federally ineligible airport project components (2% of program)

\$4.3 million requirement for match and federally ineligible costs for rural aviation projects

Federal-Aid Highway State Match**FY2023 Request: \$26,700,000****Reference No: 64125****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Federal Program Match**Brief Summary and Statement of Need:**

State match is required for approximately \$244 million in federal-aid highway funding. These funds may also be used for advanced acquisition of Right-of-Way (ROW) parcels for projects that are eligible for federal funding. These ROW parcels can be used in lieu of the State matching funds on a federally-funded project. It is also allowable that match funds be used for correcting off-system bridges. When the State performs work on improving bridges with non-federal funds, the value of this work can be credited as required match toward federally-funded bridge work. This means each such match dollar serves the State twice, once correcting a bridge problem and again as a match credit.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1003 G/F Match	\$26,700,000						\$26,700,000
Total:	\$26,700,000	\$0	\$0	\$0	\$0	\$0	\$26,700,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
☒ Ongoing
 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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P84 L7 HB69 \$71,200,000
 Sec5 Ch8 SLA2020 P68 L14 HB205 \$47,340,939
 Sec11 Ch8 SLA2020 P75 L14 HB205 \$8,109,305
 Sec11 Ch8 SLA2020 P80 L28 HB205 \$9,549,756
 Sec1 Ch1 SLA2019 P6 L26 SB2002 \$60,000,000
 Sec1 Ch19 SLA2018 P10 L28 SB142 \$51,850,000
 Sec1 Ch1 SLA2017 P8 L23 SB23 \$34,100,000
 Sec1 Ch2 SLA2016 P8 L3 SB138 \$42,600,000
 Sec1 Ch38 SLA2015 P7 L19 SB26 \$50,000,000
 Sec1 Ch16 SLA2013 P86 L23 SB18 \$40,000,000
 Sec1 Ch17 SLA2012 P141 L23 SB160 \$47,200,000
 Sec1 Ch5 SLA2011 P102 L28 SB46 \$42,000,000
 Sec7 Ch43 SLA2010 P39 L5 SB230 \$41,100,000
 Sec1 Ch15 SLA2009 P22 L32 SB75 \$27,880,000
 Sec13 Ch29 SLA2008 P161 L25 SB221 \$40,600,000
 Sec4 Ch30 SLA2007 P105 L17 SB53 \$40,000,000

Project Description/Justification:

Each year the Department estimates the amount of State matching funds based on the amount and type of federal highway funds expected to be available in a fiscal year. This budget is based on preliminary estimates of the federal-aid highway funding that will be available in FY2023. The Department has estimated federal funding levels to be approximately \$243.9 million in program funds.

The requested match amount is calculated as follows:

\$243.9 million Expected Federal Highway funds, which require an average of 10% State match (some at 9.03%, and a smaller portion at 20%)

$\$243.9 \text{ million} / 90.97\% = \268.3 M (program total including match amount)

\$268.3 million	Program total including match amount
<u>- 243.9 million</u>	Federal funds
\$24.4 million	Match needed
+ 1.0 million	Non-Participating portion of Federally-Supported Local assistance & Grants (FLAG)
<u>+ 1.3 million</u>	Funds for federally-ineligible project costs (1/2 of 1% of program total)
\$ 26.7 million	Total match required for FY2023

\$26.7 million FY2023 capital budget project for match, PE at risk, and federally-ineligible costs for highway projects.

Airport Improvement Program**FY2023 Request: \$164,367,250****Reference No: 7470****AP/AL:** Appropriation with Allocations**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Federal airport improvements are outlined in the Airport Improvement Program and the International Airports Program. The Airport Improvement Program (AIP) provides grants to public entities, like the State of Alaska Department of Transportation and Public Facilities (DOT&PF), for planning and development of public-use airports. Eligible projects include improvements related to enhancing airport safety, capacity, security, and environmental concerns. In general, sponsors can get AIP funds for most airfield capital improvements or rehabilitation projects and in some specific situations, for terminals, hangars, and non-aviation development. Certain professional services that are necessary can also be eligible.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$152,967,250						\$152,967,250
1027 Int Airprt	\$11,400,000						\$11,400,000
Total:	\$164,367,250	\$0	\$0	\$0	\$0	\$0	\$164,367,250

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☒ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

See project allocations for detailed project descriptions.

Project Description/Justification:**Alaska International Airport Systems (AIAS)**

The AIAS Operating Agreement, effective FY2014, is a ten-year agreement signed by the majority of AIAS customer airlines, consisting of regional, domestic, international, passenger, and cargo operators. The AIAS Operating Agreement successfully represents a collaborative process to address commercial interests and the public interest of Alaskans. It establishes rates, fees, roles and responsibilities for the State of Alaska and airline partners; use of terminal and airfield space; and outlines long-term funding commitments by the Signatory Airlines in guaranteeing funding for future operating and capital improvement project costs.

The AIAS is operated as a state-owned enterprise fund under the Department of Transportation and Public Facilities (DOT&PF). Each year, this project provides for AIAS projects based on the amount and type of funds estimated to be available to the state in a fiscal year.

Rural Airport System Projects

DOT&PF receives federal funding through the Airport Improvement Program (AIP). In general, AIP funds are used for projects that enhance airport safety, capacity, security, and environmental concerns. Most airfield capital improvements, repairs, property acquisition, and professional services (such as planning, surveying, and design) are eligible.

All projects must meet Federal Aviation Administration (FAA) regulatory and policy requirements regarding adequate justification and compliance with FAA design standards, in addition to meeting all federal environmental, permitting, and procurement requirements.

Proposed airport project needs are collected and entered into the DOT&PF's Alaska Airport Needs Directory and AIP Needs list through input from aviation interests, community representatives, FAA staff, the Alaska State Legislature, and DOT&PF staff.

DOT&PF scores projects based on aviation criteria and guidance and prepares detailed project nomination sheets and estimates for most major construction projects. Criteria include safety, health and quality of life, economic development, maintenance and operations issues, local capital contribution to project cost, and others. The project nomination goes through a regional screening and then is evaluated by the Aviation Project Evaluation Board. This board scores project nominations statewide. The highest scoring projects are then ranked competitively, and the highest ranking projects are considered for inclusion in the AIP Spending Plan. In some cases, projects are included in the Spending Plan based on federal requirements from the FAA or the Transportation Security Administration (TSA).

The AIP Spending Plan is a planning and programming document that is continuously revised to adjust for project schedules and cost estimate changes as projects develop. Should a scheduled project encounter delays and be unable to advance as proposed, if actual project bids come in lower than estimated, or if sufficient funds are identified for other reasons, the Department selects alternative or supplemental projects from the AIP Spending Plan that best serve the interests of the state in the maintenance and operation of the aviation system.

To be eligible to receive federal funding to construct an AIP project, the project must meet the following prerequisites:

- Project prioritized (scored and ranked for most major construction projects)
- Project is included in the AIP Spending Plan
- Adequate Legislative authority obtained
- Environmental analysis completed and approved by FAA
- Airport Layout Plan approved by FAA
- Airspace coordination completed by FAA
- Sufficient land interests have been acquired
- Project design completed and approved by FAA

Airport Improvement Program

FY2023 Request: \$164,367,250

Reference No: 7470

Projects may be added or deleted over time as the Spending Plan evolves. Please check http://dot.alaska.gov/stwdav/documents/Rural_Airport_System_AIP_Spending_Plan.pdf for the most up-to-date AIP Spending Plan.

AIAS - Infrastructure State Match**FY2023 Request: \$11,400,000**
Reference No: 64112**AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

State match is required for all federally eligible projects. Estimated infrastructure federal authority for the Alaska International Airport System (AIAS) is estimated to be around \$90M requiring \$10.8M in federal match.

Funding:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
1027 Int Airprt	\$11,400,000						\$11,400,000
Total:	\$11,400,000	\$0	\$0	\$0	\$0	\$0	\$11,400,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:**Project Description/Justification:**

The Department provides the required match funding based on the estimated federal funding that will be available for obligation in the immediate future. This match funding will be applied to projects initiated under the federal Infrastructure bill through the Federal Aviation Administration.

The requested match amount is calculated as follows:

Fairbanks International Airport \$43.3M Federal authority, 6.25% match \$2.89M

Anchorage International Airport \$64M Federal authority, 12.24% match \$8.93M

Chevak Airport Rehabilitation**FY2023 Request: \$15,051,000****Reference No: 63944****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Chevak**House District:** Bering Straits/Yukon Delta
(HD 39)**Impact House District:** Bering Straits/Yukon Delta
(HD 39)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Rehabilitate the Chevak Airport to address deterioration, including the following work components: rehabilitation of runways, taxiways, aprons, and the airport access road; widening and extending of the runway safety area; reconstruction of runway and taxiway lighting; installation of miscellaneous navigational aids; reconstruction of airport beacons; and other work as needed.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$15,051,000						\$15,051,000
Total:	\$15,051,000	\$0	\$0	\$0	\$0	\$0	\$15,051,000

<input checked="" type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
6% = 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:	28,000	0
One-Time Startup:	0	
Totals:	28,000	0

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

Rehabilitate the Chevak Airport to address deterioration, including the following work components: rehabilitation of runways, taxiways, aprons, and the airport access road; widening and extending of the runway safety area; reconstruction of runway and taxiway lighting; installation of miscellaneous navigational aids; reconstruction of airport beacons; and other work as needed.

FIA - Airport Parking Facility**FY2023 Request: \$37,500,000****Reference No: 64113****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Build partially enclosed parking facility to address limited parking availability during most of the winter months and provide covered walkway to the airport terminal.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$37,500,000						\$37,500,000
Total:	\$37,500,000	\$0	\$0	\$0	\$0	\$0	\$37,500,000

<input checked="" 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"/> Ongoing
6% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

Fairbanks International Airport (FAI) requires a safe drivable and walkable parking facility for the traveling public and employees. Building a parking facility will allow FAI to minimize snow and ice control requirements that currently exist in an open-to-the-elements parking lot.

With the implementation of the Federal Aviation Administration's Runway Condition Reporting Matrix, airfield maintenance labor has increased on runways and taxiways to maintain "good" braking levels to remain open and operational. Since airfield maintenance is responsible for snow and ice removal on all airport property, including parking lot surfaces, it may take several days before those areas can be addressed. Delays have resulted in increased claims of slips, trips, and falls and with more winter events that last longer and with wet, heavy snow, the airport has contracted out snow and ice removal from the parking lots; however, this is an additional cost to the airport. By building a semi-enclosed parking facility, snow and ice removal will be minimized and with covered walkways to the terminal, will also result in fewer personal injury claims.

FIA - West Ramp Improvements**FY2023 Request: \$3,281,250****Reference No: 64114****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Reconstruct the north end of the terminal apron for carrier jet aircraft parking and operations.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$3,281,250						\$3,281,250
Total:	\$3,281,250	\$0	\$0	\$0	\$0	\$0	\$3,281,250

<input checked="" 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"/> Ongoing
6% = 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:

No prior funding history.

Project Description/Justification:

Increased demand for aircraft parking adjacent to the terminal and gate congestion during summer operations requires reconfiguration of the north end of the terminal apron for larger aircraft parking. This project will add additional hardstands and strengthen pavement areas to support these operations. During the remodel of the terminal (2008-2009), the north end of the terminal apron pavement strength was rated to support commuter aircraft for regional operators. In the last 3 years, Fairbanks International Airport has experienced a reduction in commuter aircraft and an increase in commercial aircraft operations. With only six jet bridge/terminal access points and operations being limited to the late evening and early morning time slots, it has resulted in terminal and gate congestion, which results in a limited number of aircraft that can be actively deplaned and enplaned. If any aircraft experiences a delay, the aircraft must be pushed off the gate to a parking location away from the terminal so another operator can utilize the gate and then be pulled back to the gate when the aircraft is ready for enplaning. Increasing the pavement strength of the north terminal apron, will allow for a commercial aircraft to either be pushed off the gate to a location near the terminal or assigned a slot at the north end upon arrival to continue deplaning/enplaning and relieve the congestion in the terminal and gates. In addition, this will minimize aircraft movement operations during peak hours and provide safer operations.

Haines Airport Resurfacing**FY2023 Request: \$23,000,000****Reference No: 64276****AP/AL:** Allocation
Category: Transportation
Location: Haines**Project Type:** Construction
Recipient: NA
House District: Downtown
Juneau/Douglas/Haines/Skagway (HD 33)
Contact: Dom Pannone**Impact House District:** Downtown
Juneau/Douglas/Haines/Skagway (HD 33)**Estimated Project Dates:** 07/01/2022 - 06/30/2027 **Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Repave the runway and taxiways. Replace the drainage culverts and lighting. Add a single bay Snow Removal Equipment Building (SREB).

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$23,000,000						\$23,000,000
Total:	\$23,000,000	\$0	\$0	\$0	\$0	\$0	\$23,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Haines Airport Snow Removal Equipment Building**FY2023 Request:****\$2,000,000****Reference No:****64277****AP/AL:** Allocation**Category:** Transportation**Location:** Haines**Project Type:** Construction**Recipient:** NA**House District:** Downtown

Juneau/Douglas/Haines/Skagway (HD 33)

Contact: Dom Pannone**Impact House District:** Downtown

Juneau/Douglas/Haines/Skagway (HD 33)

Estimated Project Dates: 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Build a snow removal equipment building

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$2,000,000						\$2,000,000
Total:	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Ketchikan Terminal Expansion and Apron Hardstands**FY2023 Request:****\$8,500,000****Reference No:****63954****AP/AL:** Allocation**Category:** Transportation**Location:** Ketchikan**Project Type:** Construction**House District:**

Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

Contact: Dom Pannone**Impact House District:**

Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Expand and rehabilitate the Ketchikan Airport terminal building to improve efficiency, capacity, and safety. This terminal is owned by the Ketchikan Gateway Borough (KGB). The terminal apron hardstands will also be improved. This project provides partial funding to assist the KGB with this work scope.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$8,500,000						\$8,500,000
Total:	\$8,500,000	\$0	\$0	\$0	\$0	\$0	\$8,500,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

Expand and rehabilitate the Ketchikan Airport terminal building to improve efficiency, capacity, and safety. This terminal is owned by the Ketchikan Gateway Borough (KGB). The terminal apron hardstands will also be improved. This project provides partial funding to assist the KGB with this work scope.

Kwethluk Airport Rehabilitation**FY2023 Request: \$14,253,000****Reference No: 63958****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Kwethluk**House District:** Lower Kuskokwim (HD 38)**Impact House District:** Lower Kuskokwim (HD 38)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Rehabilitate the airport to address deterioration, including the following work components: rehabilitate apron, taxiway, and runway; reconstruct taxiway and runway lighting; rehabilitate access road; install miscellaneous navigational aids; reconstruct Snow Removal Equipment Building (SREB); and other work as needed.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$14,253,000						\$14,253,000
Total:	\$14,253,000	\$0	\$0	\$0	\$0	\$0	\$14,253,000

☒ State Match Required
 ☒ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 6% = Minimum State Match % Required
 ☐ Amendment
 ☐ Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	22,000	0
One-Time Startup:	0	
Totals:	22,000	0

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

Rehabilitate the airport to address deterioration, including the following work components: rehabilitate apron, taxiway, and runway; reconstruct taxiway and runway lighting; rehabilitate access road; install miscellaneous navigational aids; reconstruct Snow Removal Equipment Building (SREB); and other work as needed.

Ruby Minor Gravel Resurfacing and Dust Palliative**FY2023 Request:****\$382,000****Reference No:****64278****AP/AL:** Allocation**Category:** Transportation**Location:** Ruby**Project Type:** Construction**Recipient:** NA**House District:** Bering Straits/Yukon Delta
(HD 39)**Impact House District:** Bering Straits/Yukon Delta
(HD 39)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Gravel resurfacing and dust palliative surface maintenance for Ruby Minor.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$382,000						\$382,000
Total:	\$382,000	\$0	\$0	\$0	\$0	\$0	\$382,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

TSAIA - North Terminal Improvements**FY2023 Request: \$20,000,000****Reference No: 64115****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Improve the North Terminal to accommodate increased airline capacity.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$20,000,000						\$20,000,000
Total:	\$20,000,000	\$0	\$0	\$0	\$0	\$0	\$20,000,000

<input checked="" 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"/> Ongoing
6% = 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:

No prior funding history.

Project Description/Justification:

Summer 2021 was an extremely busy summer for the South Terminal. The South Terminal is congested, and that situation is expected to worsen during the next summer season unless additional capacity is made available. The airport has confirmed that in the summer of 2022, international airlines (Condor, Icelandair, Eurowings, and Air Canada) will be back servicing ANC. In addition, Northern Pacific Airlines has announced its intention to begin service in 2022, connecting multiple points in Asia with North America. To meet anticipated demand, the airport must make the North Terminal usable. The South Terminal will not adequately accommodate new airlines without causing significant congestion and queuing delays.

A smaller project is underway to improve the North Terminal for immediate use in summer 2022. This funding will make significant improvements beyond that project for long-term use. Planned improvements include seismic retrofit, roofing repairs, heating, ventilation, and air conditioning (HVAC), and interior upgrades necessary to maximize the space available in the North Terminal for both international and domestic airlines.

TSAIA - Parking Garage Repairs and Improvements**FY2023 Request: \$10,000,000****Reference No: 64116****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

This project will provide strategic repairs and upgrades to the Airport Parking Garage. Planned improvements include repairing spalled or cracked concrete; replacing the roof membrane and asphalt overlay where damaged or worn; repairing or replacing piping, roof drains heat trace; replacing sump pump; improving lighting; replacing and reconfiguring emergency communication system; improving wayfinding signage; and restriping parking, including ADA markings and signage for compliance and improved space utilization.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$10,000,000						\$10,000,000
Total:	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$10,000,000

<input checked="" 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"/> Ongoing
6% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

Objectives are to extend the usable life of the facility, minimize the life cycle cost, improve users' safety, and update the building aesthetically for greater compatibility with nearby Airport buildings. The concrete floor decks are spalling at the ceilings in the Parking Garage. Spalled sections have fallen, creating danger to users and damaging vehicles. Patches applied to spall areas over the past 6 years as an interim repair are now failing. In addition, cracking in pre-stressed concrete floor decks, concrete stairs, entrance and exit ramps, likely results from water infiltration and freeze-thaw cycles. Conduits embedded in concrete have allowed water intrusion. Early signs of corrosion-related distress are evident. The waterproof membrane on levels 2, 3, and 4 is over thirty years old, showing extreme wear in high use areas and failure in cracking areas. Inadequate lighting, poor wayfinding, and an inadequate emergency call system threaten garage users' personal security. Lighting levels are too low to meet Federal Energy Management Program (FEMP) recommendations. Wayfinding is not clear and consistent. Emergency phones are outdated and poorly located. The scream detection system is disabled because vehicle tire squeals falsely trigger alarms.

TSAIA - Passenger Boarding Bridge Upgrades**FY2023 Request: \$10,000,000****Reference No: 64118****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Install new passenger boarding bridges (PBB) to replace aging infrastructure.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$10,000,000						\$10,000,000
Total:	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$10,000,000

<input checked="" 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"/> Ongoing
6% = 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:**

Installing new PBBs will reduce the average age of the State-owned jet bridges and make them more dependable, with less downtime, and functional as a group. New passenger boarding bridges have increased safety features, enhancing safety for passengers, ground support personnel, and passenger boarding bridge operators. They also provide features better protecting planes from damage at the gate. New passenger boarding bridges operate with increased dependability, lowering operations and maintenance costs. They are less likely to become inoperable at operational maximums or minimums requiring resetting by Facilities Maintenance personnel. They may operate at lower electrical costs.

TSAIA - Quick Turnaround Facility Renewal**FY2023 Request: \$4,000,000****Reference No: 64117****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Repair or replace damaged and corroded systems and materials. Mitigate future corrosion and deterioration by installing materials less prone to corrosion, and increasing ventilation, dehumidification, and other corrosion deterrents.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$4,000,000						\$4,000,000
Total:	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$4,000,000

<input checked="" 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"/> Ongoing
6% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

QT132, Quick Turn Facility (QTF), 5960 DeHavilland Drive, 23,864 SF, built in 2005, houses sand and de-icing chemicals necessary for safe airport operations. De-icing materials are corrosive to many materials, including most metals commonly found in structural, mechanical, and electrical systems. Moisture and humidity can exacerbate corrosivity. Elements of structural, mechanical, and electrical systems require selective recoating, repair, or replacement. Increasing ventilation and other moisture and humidity control systems will decrease corrosive effects, extending the useful life of the building and all systems exposed to corrosive agents.

TSAIA - Terminal Watermain Improvements**FY2023 Request: \$5,000,000**
Reference No: 64119**AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Repair the water main pipes at the South Terminal, North Terminal, and Old Field Maintenance.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$5,000,000						\$5,000,000
Total:	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

<input checked="" 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"/> Ongoing
6% = 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:**

A majority of the watermain system was installed in 1979. An improvement project is necessary to prevent a more expensive reconstruction project in the near future. If this project is not completed the water main will fail causing water loss to the terminal and damage to the ramp and terminal areas.

Surface Transportation Program**FY2023 Request: \$199,009,954****Reference No: 32610****AP/AL:** Appropriation with Allocations**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

This project is for federal surface transportation improvements as outlined in the Statewide Transportation Improvement Program (STIP), the Fixing America's Surface Transportation Act (FAST), and the annual federal appropriations acts. The STIP is the state's four-year program for transportation system preservation and development. It includes interstate, state and some local highways, bridges, ferries and public transportation, but does not include airports or non-ferry-related ports and harbors. It covers all system improvements for which partial or full federal funding is approved and that are expected to take place during the duration of the STIP.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$199,009,954						\$199,009,954
Total:	\$199,009,954	\$0	\$0	\$0	\$0	\$0	\$199,009,954

<input checked="" type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
9% = 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:

Sec8 Ch1 SLA2021 P84 L23 HB69 \$862,972,298
 Sec5 Ch8 SLA2020 P68 L4 HB205 \$650,000,000
 Sec1 Ch3 SLA2019 P8 L13 SB19 \$690,000,000
 Sec1 Ch19 SLA2018 P11 L7 SB142 \$670,000,000
 Sec1 Ch1 SLA2017 P9 L5 SB23 \$580,000,000
 Sec1 Ch2 SLA2016 P12 L13 SB138 \$888,200,000
 Sec1 Ch38 SLA2015 P10 L29 SB26 \$924,520,000
 Sec1 Ch18 SLA2014 P70 L25 SB119 \$648,250,000
 Sec1 Ch16 SLA2013 P86 L21 SB18 \$519,400,000
 Sec1 Ch17 SLA2012 P141 L21 SB160 \$451,764,000
 Sec1 Ch5 SLA2011 P109 L8 SB46 \$482,635,000
 Sec7 Ch43 SLA2010 P43 L25 SB230 \$537,350,240
 Sec7 Ch15 SLA2009 P51 L19 SB75 \$24,397,600
 Sec1 Ch15 SLA2009 P29 L32 SB75 \$359,730,000
 Sec10 Ch15 SLA2009 P60 L13 SB75 \$1,550,000
 Sec13 Ch29 SLA2008 P166 L24 SB221 \$255,020,150
 Sec4 Ch30 SLA2007 P110 L15 SB53 \$332,845,300

Project Description/Justification:

Each year, the department requests legislative authority for the Surface Transportation Program based on the amount and type of federal highway funds estimated to be available to the state in a federal fiscal year.

This budget is based on estimates of the federal-aid highway funding that will be available in Federal Fiscal Year (FFY) 2023 through 2027 under the Infrastructure Investment and Jobs Act (IIJA). FFY2023 is represented as the closest approximate forecast. FFY2024-2027 are rounded down to account for fluctuation in the program. FFY2028 is not expected to maintain IIJA levels of funding and has been forecasted at FAST Act levels of funding with an inflation factor applied.

Federal statutes (23 USC 135) require that to use federal-aid highway funding from the U.S. Department of Transportation or the Federal Highway Administration, the state must develop a STIP. The STIP must cover all surface transportation improvements for which partial or full federal funding is approved and that are expected to take place during the four-year duration of the STIP. Alaska's surface transportation program is mostly driven by federal funds and requirements.

The Department of Transportation & Public Facilities is required to carry out a continuing, cooperative, and comprehensive statewide transportation planning process that includes a stringent public participation process to afford public involvement opportunities and provide reasonable public access to technical and policy information used in the development of the STIP. This process includes notifying cities and boroughs impacted by changes in the STIP, so officials have an opportunity to evaluate and comment on the impacts changes to the STIP have on their communities. In addition, as part of the non-metropolitan consultation process, the department reviews and considers resolutions, plans, and project priorities of local governments.

This STIP includes additional projects that could proceed if additional funding becomes available. The STIP is a four-year, fiscally constrained planning and programming document that is continuously revised to adjust for project schedules and funding categories as projects develop. Should a scheduled project encounter delays and be unable to advance as proposed, actual project bids come in lower than estimated, or if sufficient funds are identified for other reasons, the department selects projects from the STIP list that best serve the interests of the state in the maintenance and operation of the surface transportation system.

Please check <http://dot.alaska.gov/stwdplng/cip/stip/index.shtml> for the most up-to-date approved STIP.

Highway Infrastructure Programs (HIP) Bridge Formula Program**FY2023 Request: \$45,000,000**
Reference No: 64252**AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

New Infrastructure Investment and Jobs Act (IIJA) supported program for preserving bridges in a state of good repair or modernizing them to bring them up to current safety, and other standards. These funds can be used on planning, design, acquisition of right-of-way, construction, and utilities, among others.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$45,000,000						\$45,000,000
Total:	\$45,000,000	\$0	\$0	\$0	\$0	\$0	\$45,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

**Promoting Resilient Operations for Transformative,
Efficient, and Cost-Saving Transportation (PROTECT)**

FY2023 Request: \$17,900,000
Reference No: 64253

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Dom Pannone

Estimated Project Dates: 07/01/2022 - 06/30/2027

Contact Phone: (907)465-2956

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

New Infrastructure Investment and Jobs Act (IIJA) supported program for planning, designing, and construction activities associated with existing and new infrastructure to make them more resilient to natural disasters, adverse weather conditions, and climate change. Projects may include implementation of mitigating features, strengthening systems that remove rainwater, relocating roadways to higher ground or away from slide-prone areas, stabilizing slopes, installing riprap, etc.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$17,900,000						\$17,900,000
Total:	\$17,900,000	\$0	\$0	\$0	\$0	\$0	\$17,900,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Carbon Reduction Program**FY2023 Request: \$15,700,000****Reference No: 64250****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

New Infrastructure Investment and Jobs Act (IIJA) supported program for evaluating, designing, and constructing projects in support of Carbon Reduction (IIJA Sec.11403). Projects will support the reduction of transportation emissions, including but not limited to traffic monitoring and management; public transportation; intelligent transportation systems; street lighting and traffic control devices; development of carbon reduction strategy; congestion pricing; and efforts to reduce environmental impact from freight.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$15,700,000						\$15,700,000
Total:	\$15,700,000	\$0	\$0	\$0	\$0	\$0	\$15,700,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

National Electric Vehicle Infrastructure (NEVI)**FY2023 Request: \$7,758,240****Reference No: 64251****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

New Infrastructure Investment and Jobs Act (IIJA) supported program for developing a statewide electric vehicle plan and implementing the plan by way of Title 23 projects. Projects can include but are not limited to acquisition and installation of charging infrastructure as well as operating assistance for costs allocable to operating and maintaining infrastructure acquired in this program. Infrastructure must be (1) open to the public or (2) to an authorized commercial motor vehicle operator from more than one company.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$7,758,240						\$7,758,240
Total:	\$7,758,240	\$0	\$0	\$0	\$0	\$0	\$7,758,240

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Alaska Highway Passing Lanes (Tetlin-Delta Jct)**FY2023 Request: \$11,000,000****Reference No: 63591****AP/AL:** Allocation**Category:** Transportation**Location:** Delta Junction**Project Type:** Renewal and Replacement**House District:** Richardson Hwy/East Mat-Su (HD 9)**Impact House District:** Richardson Hwy/East Mat-Su (HD 9)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027 **Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Construct passing lanes at various locations on the Alaska Highway to improve safety.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$11,000,000						\$11,000,000
Total:	\$11,000,000	\$0	\$0	\$0	\$0	\$0	\$11,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P85 L8 HB 69 \$5,455,800

STIP Need ID: 22315

Alaska Highway System (AHS)**FY2023 Request: \$4,500,000**
Reference No: 64262**AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

The Alaska Highway System (AHS) is a network of roadways not included on the National Highway System (AHS) and are defined in regulation. Funding in this program will maintain facilities in a state of good repair, modernize, or expand. The program utilizes performance-based criteria for evaluating projects and alternatives.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$4,500,000						\$4,500,000
Total:	\$4,500,000	\$0	\$0	\$0	\$0	\$0	\$4,500,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Community Transportation Program (CTP)**FY2023 Request: \$25,000,000****Reference No: 64264****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

The Community Transportation Program (CTP) provides opportunities for communities and others to nominate their surface transportation projects and receive federal funding. The program is defined in regulation and is competitive in nature with scoring criteria and an evaluation board.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$25,000,000						\$25,000,000
Total:	\$25,000,000	\$0	\$0	\$0	\$0	\$0	\$25,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Federally-Supported Local Assistance & Grants (FLAG) Program **FY2023 Request: \$1,000,000**
Reference No: 64381

AP/AL: Allocation **Project Type:** Economic Assistance
Category: Transportation
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Dom Pannone
Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)465-2956
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Develop, implement and execute a statewide local assistance program for providing DOT&PF resources to communities to develop grants. Activities will include development of a clearinghouse, creation of an intake and triage process, identification and entering into partnerships, etc.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$1,000,000						\$1,000,000
Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Ferry Boat Funds**FY2023 Request: \$10,000,000****Reference No: 64248****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

This authority will be used to capture new federal revenue coming to the state and will be utilized for projects such as but not limited to refurbishments, condition surveys, shoreside facility condition surveys, and the design, construction, and leasing of ferry boats and terminals.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$10,000,000						\$10,000,000
Total:	\$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"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Ice Roads & Seasonal Trails Maintenance Program**FY2023 Request: \$2,000,000**
Reference No: 64240**AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Recipient:** NA**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

New Infrastructure Investment and Jobs Act (IIJA) supported program for providing communities with funding necessary to maintain and operate their ice roads and seasonal roads.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$2,000,000						\$2,000,000
Total:	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Richardson Highway Passing Lanes (Delta Junction to Eielson AFB)

FY2023 Request: \$30,000,000
Reference No: 64011

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Recipient: NA

Location: North Slope Borough

House District: Arctic (HD 40)

Impact House District: Arctic (HD 40)

Contact: Dom Pannone

Estimated Project Dates: 07/01/2022 - 06/30/2027

Contact Phone: (907)465-2956

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Construct passing lanes at various locations on the Richardson Highway to improve safety.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$30,000,000						\$30,000,000
Total:	\$30,000,000	\$0	\$0	\$0	\$0	\$0	\$30,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

STIP Need ID 29811

Statewide Research Program**FY2023 Request: \$1,076,348****Reference No: 63671****AP/AL:** Allocation**Category:** Transportation**Location:** Statewide**Impact House District:** Statewide (HD 1-40)**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Appropriation:** Surface Transportation Program**Project Type:** Construction**Recipient:** NA**House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Federally funded research projects are selected by the Statewide Research Board to improve the quality and efficiency of Alaska's Transportation network. Example: Improve pavement materials to reduce rutting due to studded tires. This also pays for dues to other research entities that the State of Alaska is required to participate in.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$1,076,348						\$1,076,348
Total:	\$1,076,348	\$0	\$0	\$0	\$0	\$0	\$1,076,348

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P91 L18 HB69 \$2,055,831

STIP Need ID: 6451

Sterling Safety Corridor Improvements, MP 45-58**FY2023 Request: \$23,588,000****Reference No: 64237****AP/AL:** Allocation**Category:** Transportation**Location:** Kenai Areawide**Impact House District:** Kenai Areawide (HD 29-31)**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Appropriation:** Surface Transportation Program**Project Type:** Construction**Recipient:** NA**House District:** Kenai Areawide (HD 29-31)**Contact:** Dom Pannone**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construct and improve approximately 15 miles of two-lane highway, wildlife and pedestrian crossings, trailheads, a highway bridge over Juneau creek, and passing and climbing lanes where necessary.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$23,588,000						\$23,588,000
Total:	\$23,588,000	\$0	\$0	\$0	\$0	\$0	\$23,588,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Transportation Alternatives Program (TAP)**FY2023 Request: \$3,500,000**
Reference No: 64259**AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)465-2956**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

The Transportation Alternatives program (TAP) provides opportunities for communities and others to nominate their bicycle and pedestrian projects and receive federal funding through the State. The program is defined in regulation and is competitive in nature with scoring criteria and an evaluation board.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$3,500,000						\$3,500,000
Total:	\$3,500,000	\$0	\$0	\$0	\$0	\$0	\$3,500,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

No prior funding history.

Urban Planning Program**FY2023 Request: \$987,366****Reference No: 63673****AP/AL:** Allocation**Category:** Transportation**Location:** Statewide**Impact House District:** Statewide (HD 1-40)**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Appropriation:** Surface Transportation Program**Project Type:** Research / Studies / Planning**Recipient:** NA**House District:** Statewide (HD 1-40)**Contact:** Dom Pannone**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Local government transportation planning and special studies including Anchorage Metropolitan Area Transportation Solutions (AMATS) and Fairbanks Area Surface Transportation (FAST). AMATS and FAST Long Range Transportation Plans and preparation of Transportation Improvement Programs are federally required elements of this program.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$987,366						\$987,366
Total:	\$987,366	\$0	\$0	\$0	\$0	\$0	\$987,366

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

STIP Need ID: 6448

Microsoft Security Upgrade**FY2022 Request: \$1,149,000****Reference No: 63844****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:** Leslie Isaacs**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-5655**Brief Summary and Statement of Need:**

This project will enable the State of Alaska to fully implement the umbrella of security features available under the existing Microsoft G5 (G5) licensing investment while providing a pathway to retire costly separate security solutions and stabilize the level of future security expenditure. Other benefits of G5 licensing will allow the State of Alaska to meet its common regulatory and compliance burdens.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1004 Gen Fund	\$1,149,000						\$1,149,000
Total:	\$1,149,000	\$0	\$0	\$0	\$0	\$0	\$1,149,000

☐ State Match Required
 ☒ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:**Project Description/Justification:**

The State of Alaska has experienced several security incidents over the past 12 months. Most recently the critical Log4j vulnerability stretched staff over a 2-week period to remediate over 1,000 vulnerable systems. To best protect Alaskan citizen's data, the State Security Office (SSO) is working to streamline and simplify its overall cyber security solutions landscape. A consolidated solution approach improves capability to identify potential threats in real-time and mitigate them before any loss of personally identifiable information (PII), protected health information (PHI), or interruptions to state delivered services occur.

In 2020 the State of Alaska purchased Microsoft G5 licenses (G5). The G5 licenses provides a wide range of products including several security tools. Where applicable, the SSO has been working to replace existing security tools with the products offered by Microsoft. The security capabilities of the G5 suite improve the security of our employee accounts through multi-factor authentication and protect the devices they work on through mobile device management. Additionally, they provide security protections for sensitive and confidential protected data such as Alaskan citizen's PII and PHI.

The SSO is not sufficiently resourced to complete implementation of this project in a timely manner. This funding will provide the specialized security contractor implementation support required to implement these security services throughout the State of Alaska. Without this funding, the Office of Information Technology will require increased annual authorization of \$760k to extend existing contracts leveraged to protect Alaskan's data and meet compliance requirements. Without this funding or increased annual budget authorization the State will not meet several compliance requirements, including HIPAA, which require endpoint/mobile device management.

To date the State-owned G5 licenses have enabled OIT to reduce contracts by \$1.9M/year. This funding request will allow the state to further reduce contract obligations by an additional \$760k per year.

Line Item Allocation:

Line Item	Amount
1000 Personal Services	
2000 Travel	
3000 Services	\$1,149,000
4000 Commodities	
5000 Capital Outlay	
7000 Grants	
TOTAL	\$1,149,000

Initiate a 24/7 Security Monitoring Center and Improve Threat Hunting Capabilities**FY2022 Request: \$1,700,000**
Reference No: 63848**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:** Leslie Isaacs**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-5655**Brief Summary and Statement of Need:**

Establish enhanced statewide security operations center (SOC) function with managed defense capabilities for a period no more than 24 months. This project will strengthen detection and response to cybersecurity threats in the short term while the State Security Office (SSO) plans and implements long term SOC capabilities.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1004 Gen Fund	\$1,700,000						\$1,700,000
Total:	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$1,700,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:**Project Description/Justification:**

The State of Alaska has experienced several security incidents over the past 12 months and continues to block thousands of intrusion attempts each month. These intrusion attempts put a strain on our limited staffing in the State Security Office and Office of Information Technology (OIT). As an example, most recently the critical Log4j vulnerability consumed 1,315 hours of staff time (7 employees, including after-hours work time) during a 3-week period to remediate over 1,000 vulnerable systems. To best protect Alaskan citizen's data, the State of Alaska needs to expand its capability to identify potential threats in real-time and mitigate them before any loss of personally identifiable information (PII), protected health information (PHI) interruptions to state delivered services occur.

This funding will establish 24/7 managed Security Operations Center (SOC) coverage for up to 24 months and provide the SSO ability to further explore SOC options. It will also determine enduring requirements and the best path forward to complete the following: implement internal and external capabilities, strengthen detection and response to cybersecurity threats, improve SOC processes and procedures, identify and secure high risk vulnerabilities, and ascertain the true cost of SOC

**Initiate a 24/7 Security Monitoring Center and Improve
Threat Hunting Capabilities**

FY2022 Request: \$1,700,000
Reference No: 63848

provided services.

Cybercriminals and Nation State Actors work around the clock attempting to exploit our defenses. The State of Alaska cannot afford delays in detection or response when staff go home or are consumed by other cybersecurity matters (such as Log4j). An SOC delivers non-stop monitoring and immediate threat hunting protection against security threats. Sustainability of a 24/7 SOC presents numerous challenges, however the State can subscribe to SOC-as-a-service and benefit from security monitoring services while planning a sustainable path forward. The 'as a service' consumption model will provide cost stability and operational expediency.

Line Item Allocation:

Line Item	Amount
1000 Personal Services	
2000 Travel	
3000 Services	\$1,700,000
4000 Commodities	
5000 Capital Outlay	
7000 Grants	
TOTAL	\$1,700,000

SPAR Database Upgrade - Functionality Upgrades and Modernization of PLANS and SPILLS Database

FY2022 Request: \$1,300,000
Reference No: 64184

AP/AL: Appropriation

Project Type: Information Technology / Systems / Communication

Category: Public Protection

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Tiffany Larson

Estimated Project Dates: 07/01/2021 - 06/30/2026

Contact Phone: (907)465-4040

Brief Summary and Statement of Need:

The Division of Spill Prevention and Response needs a significant update of the database used to track spills and contaminated sites, as well as document contingency plan review and approval, facility inspections, and drills. The current databases, of which there are 13, have many issues that result in duplicative efforts and unreliable data. This project will provide contractual support to modernize or replace the databases and fix existing bugs. The anticipated result will integrate multiple databases and improve the user interface and reporting features to reduce staff workload. This upgrade will provide for improved reporting and transparency for the public.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1004 Gen Fund	\$1,300,000						\$1,300,000
Total:	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$1,300,000

☐ State Match Required ☒ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Statewide Contaminated Sites Cleanup**FY2022 Request: \$1,000,000****Reference No: 33826****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:** Tiffany Larson**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)451-2298**Brief Summary and Statement of Need:**

Contaminated sites owned by the state and contaminated sites without any known or capable responsible party ("orphan" sites) can only be addressed with state general fund resources. These contaminated sites pose a public health risk, and cannot be redeveloped without appropriate cleanup of the known contaminants. For many local communities, state-owned and "orphan" contaminated sites may present barriers to business development and economic growth.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1004 Gen Fund	\$1,000,000						\$1,000,000
Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
☒ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Sec1 Ch19 SLA2018 P5 L3 SB142 \$1,000,000

Sec1 Ch2 SLA2016 P4 L7 SB138 \$500,000

Sec1 Ch16 SLA2013 P63 L13 SB18 \$3,000,000

Sec1 Ch17 SLA2012 P113 L17 SB160 \$2,000,000

Sec1 Ch43 SLA2010 P23 L25 SB230 \$3,000,000

Sec1 Ch15 SLA2009 P6 L23 SB75 \$5,000,000

Project Description/Justification:

This project is intended to fund the investigation and cleanup of oil and hazardous substance spills that threaten human health or the environment as provided under AS 46.08.040(2)(A). This funding will cover the anticipated cost of assessment, cleanup, and monitoring of contaminated sites for FY2019-FY2021.

The estimated ongoing costs for assessment, cleanup, and monitoring in future years at orphan sites and state-owned sites is estimated based on historical costs for cleanup of contaminated sites. This project will be implemented with current staff levels and does not require new positions. Limited staff time will be charged to this capital project, as most of the funds will be used for contaminated sites contracts.

This project reduces human and environmental risk at contaminated sites where an uncontrolled hazardous substance release threatens or pollutes drinking water supplies; health of school children; fish, wildlife, and subsistence resources; or the beneficial use and reuse of property. Contaminated sites are designated as "orphan" sites and become eligible for state funding following a rigorous review of the site conditions, the risk the site poses to human health and the environment, and a comprehensive investigation into potentially responsible parties that is conducted by the Department of Law.

This project contributes to the performance measures to restore contaminated sites for reuse and reduce historical contamination. This meets the department's overall strategic framework to protect human health and the environment by conducting the cleanup, managing contaminated sites, and allowing for the redevelopment of property in Alaska.

AHFC Teacher, Health, and Public Safety Professionals Housing**FY2023 Request: \$4,000,000**
Reference No: AMD 49395**AP/AL:** Appropriation**Project Type:** Economic Assistance**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** James Wiedle**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)330-8359**Brief Summary and Statement of Need:**

This request amends the original Governor's FY2023 capital budget by adding \$2 million for a new requested total of \$4.25 million. This change is to accommodate a new federal grant for developing housing units in rural Alaska.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$2,000,000						\$2,000,000
1004 Gen Fund	\$2,000,000						\$2,000,000
Total:	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$4,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P79 L10 HB69 \$2,250,000

Sec5 Ch1 SLA2020 P66 L21 HB205 \$2,250,000

Sec1 Ch1 SLA2019 P7 L6 SB19 \$500,000

Sec1 Ch1 SLA2018 P9 L28 SB142 \$2,250,000

Sec1 Ch1 SLA2017 P7 L21 SB23 \$1,750,000

This program helps recruit and retain essential professionals in Alaska's small communities by providing gap funding to increase rental units.

Project Description/Justification:

Attracting and maintaining a pool of qualified teachers, health professionals, and public safety officials in rural Alaska is a goal of the State of Alaska. In order to achieve this, housing must be available, affordable, and of a quality that encourages these professionals to locate and stay in rural settings.

The Teacher, Health Professional, and Public Safety Housing program responds to the need for housing for rural professionals and their families by providing grants, through a competitive process for new construction, rehabilitation, and acquisition of housing.

**AHFC Teacher, Health, and Public Safety Professionals
Housing**

FY2023 Request: \$4,000,000
Reference No: AMD 49395

Since inception, the Teacher, Health Professional and Public Safety Housing program has funded 123 projects that have delivered over 500 new units of teacher, health professional, and public safety housing.

Projected Outcomes

- Leveraging federal and other sources of funding to match the AHFC corporate dividend for the construction of professional housing in Alaska's small communities.
- Improving building cost efficiencies by leveraging existing development activities with planned housing developments.
- Increasing recruitment and retention of essential services staff for rural communities through localized housing developments; and,
- New housing in at least four rural Alaskan communities for Teachers, Health Professionals, or Public Safety officials in rural Alaska.

Coastal and Nearshore Mapping of Alaska**FY2023 Request: \$5,000,000****Reference No: 64372****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:** Theresa Cross**Estimated Project Dates:** 07/01/2022 - 06/30/2027**Contact Phone:** (907)269-6398**Brief Summary and Statement of Need:**

Accurate and contemporary mapping of Alaska's coastal and nearshore regions is critical to managing coastal resources, maritime domain awareness, safeguarding the health and security of coastal communities, and strengthening the Blue Economy. This request is to increase the Federal spending authority of DGGs to accommodate a \$5,000,000 line item in the National Oceanic and Atmospheric Administration FY23 Federal budget to conduct mapping in Alaska's coastal and nearshore regions. Funding to be received 10/2022.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$5,000,000						\$5,000,000
Total:	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

☐ State Match Required
 ☒ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 0% = Minimum State Match % Required
 ☐ Amendment
 ☐ Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	5,000,000	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	5,000,000	0

Prior Funding History / Additional Information:

Much of Alaska's coast lacks sufficient mapped data to inform community and economic development, lay the groundwork for resilient engineering and planning, enable safety and security activities, and equip sustainable ecological management. Mapped data that form the foundation for these activities include topography and bathymetry (elevations above and below the water's surface).

Project Description/Justification:

Much of Alaska's coast lacks sufficient mapped data to inform community and economic development, lay the groundwork for resilient engineering and planning, enable safety and security activities, and equip sustainable ecological management. Mapped data that forms the foundation for these activities include topography and bathymetry (elevations above and below the water's surface). Derivative products such as shorelines, stream and river hydrography, and vegetation and wetland characterizations are created from these data.

The connection of bathymetry to topography through the tidal zone is key to modeling and predicting coastal flooding from storm surges and tsunami threats. Additionally, shoreline delineation eliminates ambiguities of land ownership and enables comprehensive management of coastal resources.

Iterated datasets inform change models and predictions (e.g., for coastal erosion, wetlands, and habitat) which are key to long-term planning for both communities and industry.

DGGS seeks federal authority to spend funds outlined in the FY23 Federal budget to map coastal and nearshore regions of Alaska, more specifically for:

- Nearshore topobathymetric lidar data collection.
- Nearshore bathymetric data collection.
- Satellite-derived bathymetric data collection.
- Improvements to coastal and nearshore survey and tidal control.
- Seamless topobathymetric grid development.

The geographic coverage of these data collection efforts will be determined through prior (from 2019) and ongoing efforts of AMEC and AGC to identify stakeholder needs across the state (see Kumle and Overbeck, 2021). This project will also be coordinated with other efforts to map the coast of Alaska through existing AMEC and AGC project planning and data tracking tools.

DGGS will offer this data to the public and provide outreach to data users to improve awareness and ensure long-term accessibility with data preservation. This project will not be able to provide seamless data coverage for Alaska's >60,000+ miles of coastline, however, and it will take a targeted and stakeholder driven approach to fulfill the greatest needs.

Infrastructure Investment and Jobs Act Implementation and FY2022 Request: \$5,000,000
Coordination Reference No: 64385

AP/AL: Appropriation **Project Type:** Research / Studies / Planning
Category: General Government
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Shawn Henderson
Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-3899

Brief Summary and Statement of Need:

Capital appropriation to establish and fund a state infrastructure office within the Office of the Governor to coordinate implementation of the federal Infrastructure Investment and Jobs Act (IIJA). The IIJA is a five-year federal initiative requiring a sustained and well-coordinated statewide effort to properly plan, resource and pursue federal funding opportunities. This appropriation will fund two positions - an infrastructure investment coordinator and infrastructure analyst – costs associated with conveying, planning, and coordinating public and stakeholder engagement, and costs of acquiring technical, analytical, consulting, and professional services on an as-needed basis.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1004 Gen Fund	\$5,000,000						\$5,000,000
Total:	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

* Sec. 9. SUPPLEMENTAL OFFICE OF THE GOVERNOR . (a) The amount necessary for a state infrastructure office to provide state coordination and planning efforts related to P.L. 117-58 (Infrastructure Investment and Jobs Act), not to exceed \$5,000,000, is appropriated from the general fund to the Office of the Governor in the fiscal year ending June 30, 2022.

Change Record Detail with Description (285)
Office of the Governor

Scenario: FY2023 Governor Amend Infrastructure (19092)
Component: Executive Office (AR G115) (6)
RDU: Executive Operations (2)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		
										PFT	PPT	NP
Infrastructure Investment and Jobs Act Implementation and Coordination (FY23-FY27)												
	IncT	480.0	356.0	12.0	100.0	12.0	0.0	0.0	0.0	2	0	0
1061 CIP Rcpts		480.0										
A state infrastructure office within the Office of the Governor is necessary to coordinate implementation of the federal Infrastructure Investment and Jobs Act (IIJA) in Alaska. IIJA is a five-year federal initiative requiring a sustained and well-coordinated statewide effort to properly plan, resource and pursue federal funding opportunities.												
This appropriation would fund the two positions outlined below as well as costs associated with conveying, planning and coordinating public and stakeholder engagement, and costs of acquiring technical, analytical, consulting and professional services on an as-needed basis. Central coordination is needed at the Executive Office level to ensure Alaska maximizes the opportunities made available through IIJA.												
The following positions are added:												
- Full-time Infrastructure Investment Coordinator (01-#006), range 24, located in Anchorage												
- Full-time Infrastructure Investment Analyst (01-#007), range 22, located in Anchorage												
Component Totals		480.0	356.0	12.0	100.0	12.0	0.0	0.0	0.0	2	0	0

Alaska Municipal League Grant Preparation and Technical Assistance	FY2022 Request:	\$500,000
	Reference No:	64373

AP/AL: Appropriation Category: To be determined Location: Statewide Impact House District: Statewide (HD 1-40) Estimated Project Dates: 07/01/2021 - 06/30/2026	Project Type: Research / Studies / Planning Recipient: Alaska Municipal League House District: Statewide (HD 1-40) Contact: Micaela Fowler Contact Phone: (907)465-2506
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Brief Summary and Statement of Need:

Communities across Alaska have planned infrastructure projects that could provide substantial benefits to communities and the economy but are held back by gaps in funding. With the passage of the Infrastructure Investment and Jobs Act (IIJA) in November 2021, Alaska has the chance to compete for significant funds to address local infrastructure needs. Funds in the infrastructure bill offer more than \$18 billion in grant-funding opportunities in federal fiscal year 2022 alone. This increase has heightened competition for funding. Further, new and revised grant criteria have been developed, and many grant programs require submission at similar times of the year, straining the limited resources of communities.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1004 Gen Fund	\$500,000						\$500,000
Total:	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

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

Operating & Maintenance Costs:

	Amount	Staff
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

Grant Informational Support

In partnership with many others, AML hosts a clearinghouse of information at <https://akfederalfunding.org/>. This Alaska-focused website provides resources tailored for local and Tribal governments, nonprofits, utilities, and other potential beneficiaries. The website features:

- The latest Notice of Funding Opportunities (NOFOs) identified on Grants.gov
- Grant writing hotline information and pool from which applicants can choose from
- Upcoming webinars and calls that provide additional information about grants
- Notice of awards and press releases announcing funding
- ARPA and BIL tracking spreadsheets that identify funds coming by formula to Alaska and others that will be competitive nationally
- Resources for CARES Act and ARPA compliance and reporting, and Infrastructure project development

AML and partners host regular calls that review compliance and reporting needs and grant opportunities. More than 300 Alaskans have signed up to receive e-newsletters with information about ARPA and BIL opportunities, and communications go out at least every other week.

Onboarding for Assistance

- Contact AML at membersupport@akml.org or 907-586-1325 to indicate interest
- AML staff will document name, affiliation, contact information, and a short statement of need
- AML staff will share that information with our contracted hotline operator, who is a grant writing professional, and/or direct members to advanced technical assistance for support as appropriate

Grant Hotline – General Grant Preparation Assistance

The grant writing hotline is an opportunity for local and Tribal governments to talk through with an experienced grant writer their interest, eligibility, and process for upcoming federal grant opportunities. If there is general interest in grant writing, with a need but no identified grant, officials should review www.akfederalfunding.org for potential opportunities or join regular calls that review new or active Notice of Funding Opportunities. The hotline operators will:

- Discuss needs of the community, and history of what has been accomplished to meet the need
- Offer options for grant opportunities that might be a 'good fit' or other resources to pursue
- Discuss budgets, audits, and other requirements commonly needed with grant applications
- Share the 80/20 principle for writing a grant application, that about 80% of the time spent on a successful grant is used prior to the NOFO release on the following activities:
 - Create a schedule, gather resources and identify your 'team'
 - Conduct research data for demographics
 - Coordinate signatures for forms, job descriptions, resumes, letters of support, etc.
 - Conduct meetings with leadership to develop the vision and the workplan
 - Gain approvals, prepare resolutions, and work to complete other required documents such as engineering plans, environmental documents, and economic analyses
- Explain requirements of registration in SAM.gov and ensure they are active
- Registration in Grants.gov and ensure they are active
- Look up grants awarded to caller, including USASpending.gov, and help caller navigate to this site.
- Check on the Alaska State Lien Watch website to see if there's any outstanding debt

At the conclusion of the call, and in general, if there is sufficient interest and eligibility to consider moving forward, the local or Tribal government may choose an experienced grant writer from the grant writing pool that is available.

Technical Assistance for Infrastructure Projects

AML has partnered with HDR to deepen Alaska's bench and provide local and Tribal governments access to the capacity they need to effectively pursue competitive grant opportunities specific to infrastructure development. HDR is positioned to help AML members and partners increase their potential success rate and maximize this opportunity. Areas of HDR expertise and previous funding successes include transportation, energy, water, resiliency, and broadband.

HDR will:

- Provide grant strategic planning support that can include informational webinars about specific grant opportunities and briefing papers to support AML's client municipalities
- Support project prioritization for AML's clients by reviewing project lists and developing a brief plan for leveraging IIJA grants and matching critical projects to potential funding
- Support developing a grant action plan for a specific project by producing a short technical memo that specifies a target grant program, includes a proposed submission schedule, determines need for a BCA, and provides next steps to build political consensus around each project

- Provide applicants with initial feedback on the following grant application components or guidance on steps to produce them:
 - A detailed description of the project: goals, purpose and need, and how it will be implemented.
 - Clear alignment with most of the grant program's Merit Criteria.
 - A well-articulated Statement of Work with specific scope, schedule, and budget.
 - A clear, concise, and complete narrative that answers all grant evaluation metrics.
 - A BCA demonstrating positive public economic outcomes.
 - A plan for state, local, or private contributions (not expense-in-kind contributions) that exceed the proposed federal grant, and preferably matches that include private-sector contributions.
 - Expressed, strong, and specific support for the project, among the various projects in the state for which applications might be submitted, by one or more Senators or Congressional Representatives, and from the Governor's office
- Support the development of a Benefit Cost Analysis - quantifying public benefits expected from the project and measure them against the project's full costs, summarizing its cost-effectiveness with a benefit-cost ratio and an estimate of net benefit that would arise from it

HDR can also offer full preapplication support and grant writing and production services as a separately contracted service if requested

Alaska Federation of Natives - Infrastructure Navigator Program**FY2022 Request: \$2,500,000**
Reference No: 64209**AP/AL:** Appropriation**Category:** Development**Location:** Statewide**Impact House District:** Statewide (HD 1-40)**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Project Type:** Research / Studies / Planning**Recipient:** Alaska Federation of Natives**House District:** Statewide (HD 1-40)**Contact:** Micaela Fowler**Contact Phone:** (907)465-2506**Brief Summary and Statement of Need:**

Appropriation supports strengthening the successful Alaska Federation of Natives (AFN) Navigator Program. The program was originally established in June 2021 through a \$2.5 mill CARES Act grant to develop education, advocacy, and communication strategies to help mitigate the spread of the virus within the Native community, and to help Alaska Native entities secure all available federal COVID resources.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1004 Gen Fund	\$2,500,000						\$2,500,000
Total:	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000

☐ State Match Required ☒ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:**Project Description/Justification:**

This appropriation will support expanding the AFN Navigator Program to help with the coordination and implementation of the Infrastructure Investment and Jobs Act (IIJA). Alaska Native and Tribal organizations are eligible for most of the programs and competitive grant opportunities authorized in the IIJA. There are also programs and funding set-asides that are exclusively reserved for Native and Tribal entities. The Navigator Program will help ensure Alaska maximizes all IIJA programs and opportunities available to federally recognized Alaska Native tribes, for profit village and regional Native corporations, and Tribal organizations. AFN will assist with general education about IIJA, opportunity identification and assessment, capacity building, determining program eligibilities and permitted uses, application development, technical assistance, grant accounting, and financial compliance. The program also helps facilitate coordination and collaboration between state, local government, and Native and Tribal entities who may be perusing complimentary projects or grants – like transportation, sanitation, and broadband.

Grid Modernization, Reliability, Resiliency and Transmission Projects**FY2022 Request: \$6,000,000**
Reference No: 64386**AP/AL:** Appropriation**Project Type:** Energy**Category:** General Government**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Curtis Thayer**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)713-3000**Brief Summary and Statement of Need:**

Funding to enable Alaska Energy Authority to pursue competitive Department of Energy grant opportunities in coordination with railbelt and rural utilities. Projects will focus on enhancing resiliency of the electric grid.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$5,000,000						\$5,000,000
1004 Gen Fund	\$1,000,000						\$1,000,000
Total:	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$6,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:**Project Description/Justification:**

\$1 million UGF for the Alaska Energy Authority (AEA) to identify, assess, coordinate, and pursue U.S. Department of Energy (DOE) funding opportunities provided through the Infrastructure Investment and Jobs Act (IIJA) related to electrical grid modernization, reliability, resiliency, and transmission. AEA is a public corporation of the State of Alaska, the state's energy office and lead agency for statewide energy policy and program development.

Sections 40101-40107 of the Infrastructure Investment and Jobs Act (IIJA) provide DOE over \$15 billion in funding to address the resilience and reliability of the nation's electrical power grid. The legislation includes \$5 bill to support activities to reduce electrical outages and to harden the grid against disruptive events, including extreme weather, wildfire, and natural disasters. It includes \$5 bill to fund research, development, deployment, and innovative approaches to enhance electric reliability and to harden transmission, storage and distribution infrastructure. It funds \$1 bill specifically allocated to improve, modernize, and upgrade infrastructure in rural and remote areas. The legislation directs DOE to establish a "Transmission Facilitation Program" to finance construction of transmission lines and related facilities and provides \$2.5 bill initial funding to that program. DOE would be authorized to issue loans or enter public-private partnerships to finance certain eligible transmission projects.

**Grid Modernization, Reliability, Resiliency and
Transmission Projects**

FY2022 Request: \$6,000,000
Reference No: 64386

Some of the most critical electrical infrastructure in Alaska's Railbelt region is aged and capacity constrained. For the past several years, the Alaska Legislature and the Regulatory Commission of Alaska have made transmission reliability and coordination among public utilities a policy priority for the state and promoted the establishment of a Railbelt Electric Reliability Organization. AEA in partnership with the five Railbelt utilities have worked to identify the highest priority opportunities to remove transmission constraints and to improve throughput, to provide redundancy, and to enhance the flexibility and cost-effectiveness of the interconnected Railbelt transmission system.

Similarly, Alaska's rural energy infrastructure has undergone significant change over the last several decades including making significant investments in renewable energy. The state's geographical and environmental diversity necessitate the use of microgrids provide electricity in our state's remote regions and isolated communities. Alaska has between 200- 250 operating microgrids which make the state an excellent place to research, deploy and demonstrate innovative approaches to enhancing reliability and resiliency in this area.

AEA will coordinate with Railbelt and other electric utilities, rural power companies and other energy stakeholders, to assess, plan and pursue federal funding opportunities made available in the IIJA to upgrade, modernize, and improve electrical infrastructure in Alaska. This will be a multi-agency, public and private effort including industry partners, RCA, non-profit and public utilities, operators, suppliers, academic researchers, and local governments.

Clean Hydrogen Research, Development and Demonstration Opportunities**FY2022 Request: \$6,000,000**
Reference No: 64392**AP/AL:** Appropriation**Project Type:** Energy**Category:** General Government**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Curtis Thayer**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)771-3009**Brief Summary and Statement of Need:**

Funding for the Alaska Gasline Development Corporation (AGDC) to develop a competitive and responsive proposal to forthcoming U.S. Department of Energy (DOE) clean hydrogen research, development, and demonstration opportunities.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$5,000,000						\$5,000,000
1004 Gen Fund	\$1,000,000						\$1,000,000
Total:	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$6,000,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:**Project Description/Justification:**

Section 40314 of the Infrastructure Investment and Jobs Act (IIJA) directs DOE to fund not less than 4 regional clean hydrogen hubs to demonstrate the production, processing, delivery, storage, and end-use of clean hydrogen. The legislation appropriates \$8 billion over five years in support of this initiative. The bill also appropriates \$1 billion to Clean Hydrogen Electrolysis and \$500 million to Clean Hydrogen Manufacturing and Recycling. Alaska is distinctly unique for a potential hydrogen hub award due to our tremendous natural gas resource, ability to export hydrogen in the form of ammonia, world-class carbon sequestration potential, and ample renewable energy generation potential. A DOE regional hydrogen hub award could provide Alaska with \$2B for planning, design, and construction.

On February 15th DOE issued a Request for Information (RFI) to collect public input the implementation and design of the IIJA clean hydrogen programs. AGDC coordinated a state response to that RFI. A DOE Notice of Funding Opportunity is anticipated in the 2nd Qrt of 2022. AGDC will lead a team that includes its industry and commercial partners, academic researchers, and state resource agencies, in developing and preparing a competitive response. The funds will pay for content development, subject matter expertise, technical writing, and coordination between the cooperating parties.

Carbon Technology Infrastructure Research Development and Demonstration Opportunities **FY2022 Request: \$6,000,000**
Reference No: 64332

AP/AL: Appropriation **Project Type:** Life / Health / Safety
Category: Natural Resources
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Theresa Cross
Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)269-6398

Brief Summary and Statement of Need:

* Sec. XX. SUPPLEMENTAL DEPARTMENT OF NATURAL RESOURCES. (a) The amount of federal receipts available under P.L. 117-58 (Infrastructure Investment and Jobs Act), estimated to be \$5,000,000, is appropriated to the Department of Natural Resources, in the fiscal year ending June 30, 2022, for carbon technology infrastructure, research, development, and demonstration opportunities.

(b) The amount of general funds required to plan for, coordinate, and match federal receipts available under P.L. 117-58 (Infrastructure Investment and Jobs Act) in (a) of this section, not to exceed \$1,000,000, is appropriated to the Department of Natural Resources in the fiscal year ending June 30, 2022.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$5,000,000						\$5,000,000
1004 Gen Fund	\$1,000,000						\$1,000,000
Total:	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$6,000,000

☐ State Match Required
 ☒ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing
 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
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Rare Earth Elements Demonstration Facility**FY2022 Request:****\$500,000****Reference No:****64390****AP/AL:** Appropriation**Project Type:** Education**Category:** Education**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Michelle Rizk**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)450-8187**Brief Summary and Statement of Need:**

Funding for the University of Alaska Fairbanks, Institute of Northern Engineering (UAF-INE) to develop a competitive and responsive proposal to a forthcoming U.S. Department of Energy Rare Earth Element Demonstration Facility grant.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1004 Gen Fund	\$500,000						\$500,000
Total:	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

* Sec. XX. SUPPLEMENTAL UNIVERSITY OF ALASKA. (c) The sum of \$500,000 is appropriated from the general fund to the University of Alaska for efforts to pursue funding available under P.L. 117-58 (Infrastructure Investment and Jobs Act), for a rare earth elements demonstration facility, in the fiscal year ending June 30, 2022.

Project Description/Justification:

Section 40205 of IIJA directs the U.S. Department of Energy (DOE) to fund, through an agreement with an academic partner, a rare earth element (REE) demonstration facility that includes a full-scale, vertically integrated REE extraction, separation, and refining facility. The federal legislation appropriates \$140 million towards this initiative. On February 14th DOE issued a Request for Information (RFI) to collect public input in the development of a future funding opportunity to design, construct, and operate a demonstration facility to support domestic REE and critical mineral supply chains for commercial and national defense industries, and use in clean energy technologies. University of Alaska Fairbanks - Institute of Northern Engineering (UAF-INE) is coordinating a state response to that RFI.

UAF-INE will also lead a collaboration with a commercial partner to develop one, possibly two, responses to this DOE funding opportunity. Two of UAF's private sector partners are actively pursuing REE-CM processing plants in Alaska, and a third is working toward opening a graphite mine – which

is a critical mineral. Eligible commercial entities will require an academic partner to apply for this funding.

These funds will be used by INE, and its REE-CM partners, to coordinate, develop and prepare competitive grant responses to DOE, and potentially to DoD, which could lead to federal funding to construct a REE-CM processing facility in Alaska. The funds will pay for content development, subject matter expertise, technical writing, and technical and administrative coordination between the cooperating parties involved in preparing the proposal responses. INE will lead a team that will include industry partners, developers, academic researchers, state resource agencies, impacted communities, and other stakeholders.

This is a targeted opportunity that will support UCORE's Bokan REE Strategic Metals Complex (SMC) in Southeast and potentially other commercial mineral developments in interior Alaska. In 2014, the Alaska Legislature authorized \$145 million of AIDEA bond financing for the Bokan REE project.

Mineral Security Projects: Rare Earth Mineral Security **FY2022 Request: \$9,500,000**
Reference No: 64391

AP/AL: Appropriation **Project Type:** Education
Category: Education
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Michelle Rizk
Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)450-8187

Brief Summary and Statement of Need:

Funding for Phase 2 of the Alaska CORE-CM project

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$7,500,000						\$7,500,000
1004 Gen Fund	\$2,000,000						\$2,000,000
Total:	\$9,500,000	\$0	\$0	\$0	\$0	\$0	\$9,500,000

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
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
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

* Sec. XX. SUPPLEMENTAL UNIVERSITY OF ALASKA. (a) The amount of federal receipts available under P.L. 117-58 (Infrastructure Investment and Jobs Act), estimated to be \$7,500,000, is appropriated to the University of Alaska in the fiscal year ending June 30, 2022, for mineral security projects, including rare earth mineral security

(b) The amount of general funds required to plan for, coordinate, and match federal receipts available under P.L. 117-58 (Infrastructure Investment and Jobs Act) in (a) of this section, not to exceed \$2,000,000, is appropriated to the University of Alaska in the fiscal year ending June 30, 2022.

University of Alaska Fairbanks - Institute of Northern Engineering (UAF-INE) is currently leading a U.S. Dept of Energy (DOE) funded project to establish a pathway whereby Alaska's Carbon Ore, Rare Earth and Critical Minerals (CORE-CM) can provide an economically competitive supply of Rare Earth Elements & Critical Minerals (REE-CM) to help reduce the nation's reliance on non-allied, imported sources.

The Alaska CORE-CM project is funded under a cooperative agreement with DOE's National Energy Technology Lab (NETL), led by UAF and one of 13 national centers tasked with addressing the critical

shortage of domestically supplied REE-CM. Project partners include DNR Division of Geological and Geophysical Surveys, Green Leaf Carbon Technologies, JWP Consulting, LLC; Technology Holding, LLC; ESP Research, Inc.; Ahtna, Inc.; Ucore Rare Metal; CVMR Inc.; Graphite One Inc.; and Usibelli Coal Mine.

Phase 1 of this multi-phased initiative was funded with a \$1.5 mill DOE grant.

Project deliverables include Basinal Assessments to compile, catalogue, and analyze Alaska's carbon-ore resources and associated REE-CM concentrations to include coal and large-flake graphite deposits; development of a prioritization matrix that incorporates the geological, technical, and financial factors impacting economic production of REE-CM's from Alaska; assessment of existing and future regional waste streams from carbon ore and hard-rock mining operations that could be reused as inputs for production of REE-CM, or high-value, nonfuel carbon-based products or other by-products as consumables, feedstock, and fuels; developing and validating tools and technologies needed to spur CORE-CM development; accelerate research that will enable Alaska Basin-specific commercial deployment of advanced processing; advance new and innovative technology and production of high-value, non-fuel products.

Section 41003 of IIJA provides an additional \$800 million in authority to DOE to continue to advance Rare Earth Element mineral security projects.

Phase 2 of the CORE-CM project is expected to be funded in 2023 with \$7.5 million from DOE-NETL and will require a \$2 million non-federal match.