

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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.

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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 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.

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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 **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 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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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.

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

- 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

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

- 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 IJA 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

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

- 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 IJA 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: \$27,000,000
First Time Service Projects Reference No: AMD 49748

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.

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

<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 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

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

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

<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 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 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

<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 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

<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 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.

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

<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 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

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

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.

Wildlife Management and Research

FY2023 Request: \$24,000,000

Reference No: 60594

AP/AL: Appropriation
Category: Natural Resources
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2022 - 06/30/2027

Project Type: Research / Studies / Planning
House District: Statewide (HD 1-40)
Contact: Eddie Grasser
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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
1002 Fed Rcpts	\$18,000,000						\$18,000,000
1024 Fish/Game	\$6,000,000						\$6,000,000
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	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.

**Homeland Security State and Local Cybersecurity Grant
Program - IJJA 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

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

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Project Description/Justification:

The 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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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

<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:	3,290,000	0
Ongoing Operating:	0	0
<u>One-Time Startup:</u>	<u>0</u>	
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

Coastal and Nearshore Mapping of Alaska

FY2023 Request: \$5,000,000
Reference No: 64372

AP/AL: Appropriation
Category: Health/Human Services
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2022 - 06/30/2027

Project Type: Life / Health / Safety
House District: Statewide (HD 1-40)
Contact: Theresa Cross
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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
1002 Fed Rcpts	\$5,000,000						\$5,000,000
Total:	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

<input type="checkbox"/> State Match Required	<input 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:	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.

Critical Minerals Mapping - Earth MRI (3DEEP)

FY2023 Request: \$10,500,000

Reference No: 61849

AP/AL: Appropriation
Category: Natural Resources
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2022 - 06/30/2027

Project Type: Research / Studies / Planning
House District: Statewide (HD 1-40)
Contact: Theresa Cross
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

<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
33% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

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

Prior Funding History / Additional Information:

Sec1 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
Category: Natural Resources

Project Type: Life / Health / Safety

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

House District: Statewide (HD 1-40)

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

Contact: Jashryn Mendoza
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

<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:

- 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 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 spend 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
Category: Natural Resources
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2022 - 06/30/2027

Project Type: Life / Health / Safety
House District: Statewide (HD 1-40)
Contact: Jashryn Mendoza
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

<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 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

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
1002 Fed Rcpts	\$35,000,000						\$35,000,000
Total:	\$35,000,000	\$0	\$0	\$0	\$0	\$0	\$35,000,000

<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:

- 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

<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:

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: \$2,000,000
Reference No: 6351

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

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 \$4 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	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.

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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	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
Category: Transportation
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2022 - 06/30/2027
Appropriation: Federal Program Match

Project Type: Construction
House District: Statewide (HD 1-40)
Contact: Dom Pannone
Contact Phone: (907)465-2956

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 million / 93.75% = \$67.4 (program total including match amount)
\$67.4 million - \$63.2 million = \$4.2 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
Category: Transportation
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2022 - 06/30/2027
Appropriation: Federal Program Match

Project Type: Construction
House District: Statewide (HD 1-40)
Contact: Dom Pannone
Contact Phone: (907)465-2956

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

<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 \$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 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.

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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.

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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	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
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
House District: Statewide (HD 1-40)
Contact: Dom Pannone
Contact Phone: (907)465-2956

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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.

Carbon Reduction Program

FY2023 Request: \$15,700,000
Reference No: 64250

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
House District: Statewide (HD 1-40)
Contact: Dom Pannone
Contact Phone: (907)465-2956

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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.

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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	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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
1002 Fed Rcpts	\$1,000,000						\$1,000,000
Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

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

Ferry Boat Funds

FY2023 Request: \$10,000,000
Reference No: 64248

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
House District: Statewide (HD 1-40)
Contact: Dom Pannone
Contact Phone: (907)465-2956

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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	0
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history.

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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.

Ice Roads & Seasonal Trails Maintenance Program

FY2023 Request: \$2,000,000
Reference No: 64240

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:

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	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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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.

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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.

Richardson Highway Passing Lanes (Delta Junction to Eielson AFB)

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

AP/AL: Allocation
Category: Transportation
Location: North Slope Borough
Impact House District: Arctic (HD 40)
Estimated Project Dates: 07/01/2022 - 06/30/2027
Appropriation: Surface Transportation Program

Project Type: Construction
Recipient: NA
House District: Arctic (HD 40)
Contact: Dom Pannone
Contact Phone: (907)465-2956

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 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

<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 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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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	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
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
House District: Statewide (HD 1-40)
Contact: Dom Pannone
Contact Phone: (907)465-2956

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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

<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:

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
Category: Transportation
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2022 - 06/30/2027
Appropriation: Airport Improvement Program

Project Type: Construction
House District: Statewide (HD 1-40)
Contact: Dom Pannone
Contact Phone: (907)465-2956

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
<u>One-Time Startup:</u>	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
Category: Transportation
Location: Chevak

Project Type: Construction
House District: Bering Straits/Yukon Delta (HD 39)
Contact: Dom Pannone

Impact House District: Bering Straits/Yukon Delta (HD 39)

Contact Phone: (907)465-2956

Estimated Project Dates: 07/01/2022 - 06/30/2027
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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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	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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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	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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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	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)

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

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:

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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	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
Category: Transportation
Location: Kwethluk
Impact House District: Lower Kuskokwim (HD 38)
Estimated Project Dates: 07/01/2022 - 06/30/2027
Appropriation: Airport Improvement Program

Project Type: Construction
House District: Lower Kuskokwim (HD 38)
Contact: Dom Pannone
Contact Phone: (907)465-2956

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
1002 Fed Rcpts	\$14,253,000						\$14,253,000
Total:	\$14,253,000	\$0	\$0	\$0	\$0	\$0	\$14,253,000

<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:	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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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	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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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:

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
Category: Transportation
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2022 - 06/30/2027
Appropriation: Airport Improvement Program

Project Type: Construction
House District: Statewide (HD 1-40)
Contact: Dom Pannone
Contact Phone: (907)465-2956

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:	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Total</u>
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	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
Category: Transportation
Location: Statewide
Impact House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2022 - 06/30/2027
Appropriation: Airport Improvement Program

Project Type: Construction
House District: Statewide (HD 1-40)
Contact: Dom Pannone
Contact Phone: (907)465-2956

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.