

**Microsoft Security Upgrade**

**FY2022 Request: \$1,149,000**

**Reference No: 63844**

**AP/AL:** Appropriation

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

**Category:** General Government

**Location:** Statewide

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

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

**Contact:** Leslie Isaacs

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

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

**Brief Summary and Statement of Need:**

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

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

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

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

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

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

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

Line Item Allocation:

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

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

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

**AP/AL:** Appropriation

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

**Category:** General Government

**Location:** Statewide

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

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

**Contact:** Leslie Isaacs

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

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

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1004 Gen Fund	\$1,700,000						\$1,700,000
<b>Total:</b>	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$1,700,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

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

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

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

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

provided services.

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

Line Item Allocation:

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

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

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

**AP/AL:** Appropriation

**Project Type:** Construction

**Category:** General Government

**Location:** Statewide

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

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

**Contact:** Micaela Fowler

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

**Contact Phone:** (907)465-2506

**Brief Summary and Statement of Need:**

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

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

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

**Prior Funding History / Additional Information:**

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

**Project Description/Justification:**

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

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

**Clean Hydrogen Research, Development and Demonstration Opportunities**

**FY2022 Request: \$6,000,000**  
**Reference No: 64392**

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

**Project Type:** Energy  
**House District:** Statewide (HD 1-40)  
**Contact:** Curtis Thayer  
**Contact Phone:** (907)771-3009

**Brief Summary and Statement of Need:**

Funding for the Alaska Gasline Development Corporation (AGDC) to develop a competitive and responsive proposal to forthcoming U.S. Department of Energy (DOE) clean hydrogen research, development, and demonstration opportunities.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$5,000,000						\$5,000,000
1004 Gen Fund	\$1,000,000						\$1,000,000
<b>Total:</b>	<b>\$6,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,000,000</b>

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

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

Section 40314 of the Infrastructure Investment and Jobs Act (IIJA) directs DOE to fund not less than 4 regional clean hydrogen hubs to demonstrate the production, processing, delivery, storage, and end-use of clean hydrogen. The legislation appropriates \$8 billion over five years in support of this initiative. The bill also appropriates \$1 billion to Clean Hydrogen Electrolysis and \$500 million to Clean Hydrogen Manufacturing and Recycling. Alaska is distinctly unique for a potential hydrogen hub award due to our tremendous natural gas resource, ability to export hydrogen in the form of ammonia, world-class carbon sequestration potential, and ample renewable energy generation potential. A DOE regional hydrogen hub award could provide Alaska with \$2B for planning, design, and construction.

On February 15th DOE issued a Request for Information (RFI) to collect public input the implementation and design of the IIJA clean hydrogen programs. AGDC coordinated a state response to that RFI. A DOE Notice of Funding Opportunity is anticipated in the 2<sup>nd</sup> Qrt of 2022. AGDC will lead a team that includes its industry and commercial partners, academic researchers, and state resource agencies, in developing and preparing a competitive response. The funds will pay for content development, subject matter expertise, technical writing, and coordination between the cooperating parties.

**Grid Modernization, Reliability, Resiliency and Transmission Projects**

**FY2022 Request: \$6,000,000**  
**Reference No: 64386**

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

**Project Type:** Energy  
**House District:** Statewide (HD 1-40)  
**Contact:** Curtis Thayer  
**Contact Phone:** (907)713-3000

**Brief Summary and Statement of Need:**

Funding to enable Alaska Energy Authority to pursue competitive Department of Energy grant opportunities in coordination with railbelt and rural utilities. Projects will focus on enhancing resiliency of the electric grid.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$5,000,000						\$5,000,000
1004 Gen Fund	\$1,000,000						\$1,000,000
<b>Total:</b>	<b>\$6,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,000,000</b>

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

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

\$1 million UGF for the Alaska Energy Authority (AEA) to identify, assess, coordinate, and pursue U.S. Department of Energy (DOE) funding opportunities provided through the Infrastructure Investment and Jobs Act (IIJA) related to electrical grid modernization, reliability, resiliency, and transmission. AEA is a public corporation of the State of Alaska, the state's energy office and lead agency for statewide energy policy and program development.

Sections 40101-40107 of the Infrastructure Investment and Jobs Act (IIJA) provide DOE over \$15 billion in funding to address the resilience and reliability of the nation's electrical power grid. The legislation includes \$5 bill to support activities to reduce electrical outages and to harden the grid against disruptive events, including extreme weather, wildfire, and natural disasters. It includes \$5 bill to fund research, development, deployment, and innovative approaches to enhance electric reliability and to harden transmission, storage and distribution infrastructure. It funds \$1 bill specifically allocated to improve, modernize, and upgrade infrastructure in rural and remote areas. The legislation directs DOE to establish a "Transmission Facilitation Program" to finance construction of transmission lines and related facilities and provides \$2.5 bill initial funding to that program. DOE would be authorized to issue loans or enter public-private partnerships to finance certain eligible transmission projects.

**Grid Modernization, Reliability, Resiliency and  
Transmission Projects**

**FY2022 Request: \$6,000,000**  
**Reference No: 64386**

Some of the most critical electrical infrastructure in Alaska's Railbelt region is aged and capacity constrained. For the past several years, the Alaska Legislature and the Regulatory Commission of Alaska have made transmission reliability and coordination among public utilities a policy priority for the state and promoted the establishment of a Railbelt Electric Reliability Organization. AEA in partnership with the five Railbelt utilities have worked to identify the highest priority opportunities to remove transmission constraints and to improve throughput, to provide redundancy, and to enhance the flexibility and cost-effectiveness of the interconnected Railbelt transmission system.

Similarly, Alaska's rural energy infrastructure has undergone significant change over the last several decades including making significant investments in renewable energy. The state's geographical and environmental diversity necessitate the use of microgrids provide electricity in our state's remote regions and isolated communities. Alaska has between 200- 250 operating microgrids which make the state an excellent place to research, deploy and demonstrate innovative approaches to enhancing reliability and resiliency in this area.

AEA will coordinate with Railbelt and other electric utilities, rural power companies and other energy stakeholders, to assess, plan and pursue federal funding opportunities made available in the IIJA to upgrade, modernize, and improve electrical infrastructure in Alaska. This will be a multi-agency, public and private effort including industry partners, RCA, non-profit and public utilities, operators, suppliers, academic researchers, and local governments.



**Alaska Municipal League Grant Preparation and Technical Assistance**      **FY2022 Request: \$500,000**  
**Reference No: 64373**

**AP/AL:** Appropriation      **Project Type:** Research / Studies / Planning  
**Category:** To be determined      **Recipient:** Alaska Municipal League  
**Location:** Statewide      **House District:** Statewide (HD 1-40)  
**Impact House District:** Statewide (HD 1-40)      **Contact:** Micaela Fowler  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026      **Contact Phone:** (907)465-2506

**Brief Summary and Statement of Need:**

Communities across Alaska have planned infrastructure projects that could provide substantial benefits to communities and the economy but are held back by gaps in funding. With the passage of the Infrastructure Investment and Jobs Act (IIJA) in November 2021, Alaska has the chance to compete for significant funds to address local infrastructure needs. Funds in the infrastructure bill offer more than \$18 billion in grant-funding opportunities in federal fiscal year 2022 alone. This increase has heightened competition for funding. Further, new and revised grant criteria have been developed, and many grant programs require submission at similar times of the year, straining the limited resources of communities.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1004 Gen Fund	\$500,000						\$500,000
<b>Total:</b>	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

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

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

Grant Informational Support

In partnership with many others, AML hosts a clearinghouse of information at <https://akfederalfunding.org/>. This Alaska-focused website provides resources tailored for local and Tribal governments, nonprofits, utilities, and other potential beneficiaries. The website features:

- The latest Notice of Funding Opportunities (NOFOs) identified on Grants.gov
- Grant writing hotline information and pool from which applicants can choose from
- Upcoming webinars and calls that provide additional information about grants
- Notice of awards and press releases announcing funding
- ARPA and BIL tracking spreadsheets that identify funds coming by formula to Alaska and others that will be competitive nationally
- Resources for CARES Act and ARPA compliance and reporting, and Infrastructure project development

AML and partners host regular calls that review compliance and reporting needs and grant opportunities. More than 300 Alaskans have signed up to receive e-newsletters with information about ARPA and BIL opportunities, and communications go out at least every other week.

#### Onboarding for Assistance

- Contact AML at [membersupport@akml.org](mailto:membersupport@akml.org) or 907-586-1325 to indicate interest
- AML staff will document name, affiliation, contact information, and a short statement of need
- AML staff will share that information with our contracted hotline operator, who is a grant writing professional, and/or direct members to advanced technical assistance for support as appropriate

#### Grant Hotline – General Grant Preparation Assistance

The grant writing hotline is an opportunity for local and Tribal governments to talk through with an experienced grant writer their interest, eligibility, and process for upcoming federal grant opportunities. If there is general interest in grant writing, with a need but no identified grant, officials should review [www.akfederalfunding.org](http://www.akfederalfunding.org) for potential opportunities or join regular calls that review new or active Notice of Funding Opportunities. The hotline operators will:

- Discuss needs of the community, and history of what has been accomplished to meet the need
- Offer options for grant opportunities that might be a ‘good fit’ or other resources to pursue
- Discuss budgets, audits, and other requirements commonly needed with grant applications
- Share the 80/20 principle for writing a grant application, that about 80% of the time spent on a successful grant is used prior to the NOFO release on the following activities:
  - Create a schedule, gather resources and identify your ‘team’
  - Conduct research data for demographics
  - Coordinate signatures for forms, job descriptions, resumes, letters of support, etc.
  - Conduct meetings with leadership to develop the vision and the workplan
  - Gain approvals, prepare resolutions, and work to complete other required documents such as engineering plans, environmental documents, and economic analyses
- Explain requirements of registration in SAM.gov and ensure they are active
- Registration in Grants.gov and ensure they are active
- Look up grants awarded to caller, including USASpending.gov, and help caller navigate to this site.
- Check on the Alaska State Lien Watch website to see if there’s any outstanding debt

At the conclusion of the call, and in general, if there is sufficient interest and eligibility to consider moving forward, the local or Tribal government may choose an experienced grant writer from the grant writing pool that is available.

#### Technical Assistance for Infrastructure Projects

AML has partnered with HDR to deepen Alaska’s bench and provide local and Tribal governments access to the capacity they need to effectively pursue competitive grant opportunities specific to infrastructure development. HDR is positioned to help AML members and partners increase their potential success rate and maximize this opportunity. Areas of HDR expertise and previous funding successes include transportation, energy, water, resiliency, and broadband.

HDR will:

- Provide grant strategic planning support that can include informational webinars about specific grant opportunities and briefing papers to support AML’s client municipalities
- Support project prioritization for AML’s clients by reviewing project lists and developing a brief plan for leveraging IJJA grants and matching critical projects to potential funding
- Support developing a grant action plan for a specific project by producing a short technical memo that specifies a target grant program, includes a proposed submission schedule, determines need for a BCA, and provides next steps to build political consensus around each project

**Alaska Municipal League Grant Preparation and Technical Assistance**

**FY2022 Request:  
Reference No:**

**\$500,000  
64373**

- Provide applicants with initial feedback on the following grant application components or guidance on steps to produce them:
  - A detailed description of the project: goals, purpose and need, and how it will be implemented.
  - Clear alignment with most of the grant program’s Merit Criteria.
  - A well-articulated Statement of Work with specific scope, schedule, and budget.
  - A clear, concise, and complete narrative that answers all grant evaluation metrics.
  - A BCA demonstrating positive public economic outcomes.
  - A plan for state, local, or private contributions (not expense-in-kind contributions) that exceed the proposed federal grant, and preferably matches that include private-sector contributions.
  - Expressed, strong, and specific support for the project, among the various projects in the state for which applications might be submitted, by one or more Senators or Congressional Representatives, and from the Governor’s office
- Support the development of a Benefit Cost Analysis - quantifying public benefits expected from the project and measure them against the project’s full costs, summarizing its cost-effectiveness with a benefit-cost ratio and an estimate of net benefit that would arise from it

HDR can also offer full preapplication support and grant writing and production services as a separately contracted service if requested

**Alaska Federation of Natives - Infrastructure Navigator Program**

**FY2022 Request: \$2,500,000**  
**Reference No: 64209**

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

**Project Type:** Research / Studies / Planning  
**Recipient:** Alaska Federation of Natives  
**House District:** Statewide (HD 1-40)  
**Contact:** Micaela Fowler  
**Contact Phone:** (907)465-2506

**Brief Summary and Statement of Need:**

Appropriation supports strengthening the successful Alaska Federation of Natives (AFN) Navigator Program. The program was originally established in June 2021 through a \$2.5 mill CARES Act grant to develop education, advocacy, and communication strategies to help mitigate the spread of the virus within the Native community, and to help Alaska Native entities secure all available federal COVID resources.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1004 Gen Fund	\$2,500,000						\$2,500,000
<b>Total:</b>	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000

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

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

This appropriation will support expanding the AFN Navigator Program to help with the coordination and implementation of the Infrastructure Investment and Jobs Act (IIJA). Alaska Native and Tribal organizations are eligible for most of the programs and competitive grant opportunities authorized in the IIJA. There are also programs and funding set-asides that are exclusively reserved for Native and Tribal entities. The Navigator Program will help ensure Alaska maximizes all IIJA programs and opportunities available to federally recognized Alaska Native tribes, for profit village and regional Native corporations, and Tribal organizations. AFN will assist with general education about IIJA, opportunity identification and assessment, capacity building, determining program eligibilities and permitted uses, application development, technical assistance, grant accounting, and financial compliance. The program also helps facilitate coordination and collaboration between state, local government, and Native and Tribal entities who may be perusing complimentary projects or grants – like transportation, sanitation, and broadband.

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

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

**AP/AL:** Appropriation

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

**Category:** Public Protection

**Location:** Statewide

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

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

**Contact:** Tiffany Larson

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

**Contact Phone:** (907)465-4040

**Brief Summary and Statement of Need:**

The Division of Spill Prevention and Response needs a significant update of the database used to track spills and contaminated sites, as well as document contingency plan review and approval, facility inspections, and drills. The current databases, of which there are 13, have many issues that result in duplicative efforts and unreliable data. This project will provide contractual support to modernize or replace the databases and fix existing bugs. The anticipated result will integrate multiple databases and improve the user interface and reporting features to reduce staff workload. This upgrade will provide for improved reporting and transparency for the public.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1004 Gen Fund	\$1,300,000						\$1,300,000
<b>Total:</b>	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$1,300,000

<input type="checkbox"/> State Match Required	<input 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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Statewide Contaminated Sites Cleanup**

**FY2022 Request: \$1,000,000**

**Reference No: 33826**

**AP/AL:** Appropriation  
**Category:** Health/Human Services

**Project Type:** Life / Health / Safety

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

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

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

**Contact:** Tiffany Larson  
**Contact Phone:** (907)451-2298

**Brief Summary and Statement of Need:**

Contaminated sites owned by the state and contaminated sites without any known or capable responsible party (“orphan” sites) can only be addressed with state general fund resources. These contaminated sites pose a public health risk, and cannot be redeveloped without appropriate cleanup of the known contaminants. For many local communities, state-owned and “orphan” contaminated sites may present barriers to business development and economic growth.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1004 Gen Fund	\$1,000,000						\$1,000,000
<b>Total:</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>

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

**Prior Funding History / Additional Information:**

- Sec1 Ch19 SLA2018 P5 L3 SB142 \$1,000,000
- Sec1 Ch2 SLA2016 P4 L7 SB138 \$500,000
- Sec1 Ch16 SLA2013 P63 L13 SB18 \$3,000,000
- Sec1 Ch17 SLA2012 P113 L17 SB160 \$2,000,000
- Sec1 Ch43 SLA2010 P23 L25 SB230 \$3,000,000
- Sec1 Ch15 SLA2009 P6 L23 SB75 \$5,000,000

**Project Description/Justification:**

This project is intended to fund the investigation and cleanup of oil and hazardous substance spills that threaten human health or the environment as provided under AS 46.08.040(2)(A). This funding will cover the anticipated cost of assessment, cleanup, and monitoring of contaminated sites for FY2019-FY2021.

The estimated ongoing costs for assessment, cleanup, and monitoring in future years at orphan sites and state-owned sites is estimated based on historical costs for cleanup of contaminated sites. This project will be implemented with current staff levels and does not require new positions. Limited staff time will be charged to this capital project, as most of the funds will be used for contaminated sites contracts.

This project reduces human and environmental risk at contaminated sites where an uncontrolled hazardous substance release threatens or pollutes drinking water supplies; health of school children; fish, wildlife, and subsistence resources; or the beneficial use and reuse of property. Contaminated sites are designated as "orphan" sites and become eligible for state funding following a rigorous review of the site conditions, the risk the site poses to human health and the environment, and a comprehensive investigation into potentially responsible parties that is conducted by the Department of Law.

This project contributes to the performance measures to restore contaminated sites for reuse and reduce historical contamination. This meets the department's overall strategic framework to protect human health and the environment by conducting the cleanup, managing contaminated sites, and allowing for the redevelopment of property in Alaska.

**Infrastructure Investment and Jobs Act Implementation and FY2022 Request: \$5,000,000**  
**Coordination Reference No: 64385**

**AP/AL:** Appropriation **Project Type:** Research / Studies / Planning  
**Category:** General Government  
**Location:** Statewide **House District:** Statewide (HD 1-40)  
**Impact House District:** Statewide (HD 1-40) **Contact:** Shawn Henderson  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-3899

**Brief Summary and Statement of Need:**

Capital appropriation to establish and fund a state infrastructure office within the Office of the Governor to coordinate implementation of the federal Infrastructure Investment and Jobs Act (IIJA). The IIJA is a five-year federal initiative requiring a sustained and well-coordinated statewide effort to properly plan, resource and pursue federal funding opportunities. This appropriation will fund two positions - an infrastructure investment coordinator and infrastructure analyst – costs associated with conveying, planning, and coordinating public and stakeholder engagement, and costs of acquiring technical, analytical, consulting, and professional services on an as-needed basis.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1004 Gen Fund	\$5,000,000						\$5,000,000
<b>Total:</b>	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

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

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

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

\* Sec. 9. SUPPLEMENTAL OFFICE OF THE GOVERNOR . (a) The amount necessary for a state infrastructure office to provide state coordination and planning efforts related to P.L. 117-58 (Infrastructure Investment and Jobs Act), not to exceed \$5,000,000, is appropriated from the general fund to the Office of the Governor in the fiscal year ending June 30, 2022.



**Carbon Technology Infrastructure Research Development and Demonstration Opportunities**      **FY2022 Request: \$6,000,000**  
**Reference No: 64332**

**AP/AL:** Appropriation      **Project Type:** Life / Health / Safety  
**Category:** Natural Resources  
**Location:** Statewide      **House District:** Statewide (HD 1-40)  
**Impact House District:** Statewide (HD 1-40)      **Contact:** Theresa Cross  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026      **Contact Phone:** (907)269-6398

**Brief Summary and Statement of Need:**

\* Sec. XX. SUPPLEMENTAL DEPARTMENT OF NATURAL RESOURCES. (a) The amount of federal receipts available under P.L. 117-58 (Infrastructure Investment and Jobs Act), estimated to be \$5,000,000, is appropriated to the Department of Natural Resources, in the fiscal year ending June 30, 2022, for carbon technology infrastructure, research, development, and demonstration opportunities.

(b) The amount of general funds required to plan for, coordinate, and match federal receipts available under P.L. 117-58 (Infrastructure Investment and Jobs Act) in (a) of this section, not to exceed \$1,000,000, is appropriated to the Department of Natural Resources in the fiscal year ending June 30, 2022.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$5,000,000						\$5,000,000
1004 Gen Fund	\$1,000,000						\$1,000,000
<b>Total:</b>	<b>\$6,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,000,000</b>

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

**Prior Funding History / Additional Information:**

**Surface Transportation Program**

**FY2022 Request: \$185,114,787**  
**Reference No: 32610**

**AP/AL:** Appropriation with Allocations

**Project Type:** Construction

**Category:** Transportation

**Location:** Statewide

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

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

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$185,114,787						\$185,114,787
<b>Total:</b>	\$185,114,787	\$0	\$0	\$0	\$0	\$0	\$185,114,787

<input checked="" type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
9% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

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

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

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

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$5,000,000						\$5,000,000
<b>Total:</b>	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Carbon Reduction Program**

**FY2022 Request: \$15,700,000**  
**Reference No: 64250**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Statewide  
**Impact House District:** Statewide (HD 1-40)  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**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.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$15,700,000						\$15,700,000
<b>Total:</b>	\$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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

No prior funding history.

**Ferry Boat Funds**

**FY2022 Request: \$10,000,000**  
**Reference No: 64248**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Statewide  
**Impact House District:** Statewide (HD 1-40)  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**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.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$10,000,000						\$10,000,000
<b>Total:</b>	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$10,000,000

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Glenn Highway Arctic Avenue to Palmer-Fishhook Road**      **FY2022 Request:**      **\$750,000**  
**Safety and Capacity Improvements**      **Reference No:**      **64249**

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

**Brief Summary and Statement of Need:**

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

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

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

**Prior Funding History / Additional Information:**

No prior funding history.

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

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

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$450,000						\$450,000
<b>Total:</b>	\$450,000	\$0	\$0	\$0	\$0	\$0	\$450,000

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

**Prior Funding History / Additional Information:**

STIP Need ID: 31846



**Glenn Highway Incident Management Traffic Accommodations**

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

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Anchorage Areawide

**Project Type:** Construction  
**House District:** Anchorage Areawide (HD 12-28)  
**Contact:** Dom Pannone

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

**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**Appropriation:** Surface Transportation Program

**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$1,100,000						\$1,100,000
<b>Total:</b>	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$1,100,000

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

**Prior Funding History / Additional Information:**

STIP Need ID: 31839

**Glenn Highway Mile Point 158-172 Rehabilitation**

**FY2022 Request: \$850,000**  
**Reference No: 64091**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Anchorage Areawide

**Project Type:** Construction  
**House District:** Anchorage Areawide (HD 12-28)  
**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$850,000						\$850,000
<b>Total:</b>	\$850,000	\$0	\$0	\$0	\$0	\$0	\$850,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

STIP Need ID: 32018

**Haines Highway Reconstruction, Mile Point 3.5-25.3**

**FY2022 Request: \$8,406,708**  
**Reference No: 63586**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Haines

**Project Type:** Renewal and Replacement

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

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

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$8,406,708						\$8,406,708
<b>Total:</b>	\$8,406,708	\$0	\$0	\$0	\$0	\$0	\$8,406,708

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

**Prior Funding History / Additional Information:**

STIP Need ID: 2152

**Highway Infrastructure Program (HIP) Bridge Formula Program**

**FY2022 Request: \$45,000,000**  
**Reference No: 64252**

**AP/AL:** Allocation

**Project Type:** Construction

**Category:** Transportation

**Location:** Statewide

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

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

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$45,000,000						\$45,000,000
<b>Total:</b>	\$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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

No prior funding history.

**Ice Roads & Seasonal Roads Maintenance Program**

**FY2022 Request: \$2,000,000**  
**Reference No: 64224**

**AP/AL:** Allocation

**Project Type:** Construction

**Category:** Transportation

**Location:** Statewide

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

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

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$2,000,000						\$2,000,000
<b>Total:</b>	\$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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

No prior funding history.

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

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

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Juneau (Downtown Juneau)

**Project Type:** Construction  
**House District:** Downtown  
Juneau/Douglas/Haines/Skagway (HD 33)  
**Contact:** Dom Pannone

**Impact House District:** Downtown  
Juneau/Douglas/Haines/Skagway (HD 33)  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**Appropriation:** Surface Transportation Program

**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$1,200,000						\$1,200,000
<b>Total:</b>	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$1,200,000

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

**Prior Funding History / Additional Information:**

STIP Need ID: 32024

**Ketchikan Sayles/Gorge St. Viaduct Improvement**

**FY2022 Request: \$817,330**  
**Reference No: 63608**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Southeast Alaska  
**Impact House District:** Southeast Region (HD 33-36)

**Project Type:** Renovation and Remodeling  
**House District:** Southeast Region (HD 33-36)  
**Contact:** Dom Pannone

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

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$817,330						\$817,330
<b>Total:</b>	\$817,330	\$0	\$0	\$0	\$0	\$0	\$817,330

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

STIP Need ID: 28890

**National Electric Vehicle Infrastructure (NEVI)**

**FY2022 Request: \$7,758,240**  
**Reference No: 64251**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Statewide  
**Impact House District:** Statewide (HD 1-40)  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**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 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.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$7,758,240						\$7,758,240
<b>Total:</b>	\$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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

No prior funding history.



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

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

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$18,000,000						\$18,000,000
<b>Total:</b>	\$18,000,000	\$0	\$0	\$0	\$0	\$0	\$18,000,000

<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	

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Nome Center Creek Road Rehabilitation**

**FY2022 Request: \$1,209,901**  
**Reference No: 63603**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Nome

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

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

**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**Appropriation:** Surface Transportation Program

**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

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

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

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

Sec8 Ch1 SLA2021 P85 L31 HB69 \$154,649

STIP Need ID: 26156

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

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

**AP/AL:** Allocation

**Project Type:** Construction

**Category:** Transportation

**Location:** Parks Highway

**House District:** Unidentified House District

**Impact House District:** Unidentified House District

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$11,007,370						\$11,007,370
<b>Total:</b>	\$11,007,370	\$0	\$0	\$0	\$0	\$0	\$11,007,370

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

STIP Need ID: 29914

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

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

**AP/AL:** Allocation

**Project Type:** Construction

**Category:** Transportation

**Location:** Statewide

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

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

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$17,900,000						\$17,900,000
<b>Total:</b>	\$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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

No prior funding history.

**Rock Slope Stabilization**

**FY2022 Request: \$3,000,000**  
**Reference No: 64226**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Ketchikan

**Project Type:** Construction

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

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

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$3,000,000						\$3,000,000
<b>Total:</b>	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Seward Highway and Alyeska Highway Intersection Improvements**

**FY2022 Request: \$4,798,688**  
**Reference No: 64222**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Anchorage Areawide

**Project Type:** Construction  
**House District:** Anchorage Areawide (HD 12-28)  
**Contact:** Dom Pannone

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

**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**Appropriation:** Surface Transportation Program

**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$4,798,688						\$4,798,688
<b>Total:</b>	\$4,798,688	\$0	\$0	\$0	\$0	\$0	\$4,798,688

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

STIP Need ID: 29761

**Seward Highway and Sterling Highway Intersection Improvements**

**FY2022 Request: \$5,458,000**  
**Reference No: 64221**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Anchorage Areawide

**Project Type:** Construction  
**House District:** Anchorage Areawide (HD 12-28)  
**Contact:** Dom Pannone

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

**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**Appropriation:** Surface Transportation Program

**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$5,458,000						\$5,458,000
<b>Total:</b>	\$5,458,000	\$0	\$0	\$0	\$0	\$0	\$5,458,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

STIP Need ID: 29350

**Seward Highway and Tudor Road Interchange  
Reconstruction**

**FY2022 Request: \$3,000,000  
Reference No: 64254**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Anchorage Areawide

**Project Type:** Construction  
**House District:** Anchorage Areawide (HD 12-28)  
**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$3,000,000						\$3,000,000
<b>Total:</b>	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

No prior funding history.



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

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

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Anchorage Areawide

**Project Type:** Construction  
**House District:** Anchorage Areawide (HD 12-28)  
**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

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

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

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

**Prior Funding History / Additional Information:**

Sec8 Ch1 SLA2021 P90 L9 HB69 \$45,150

STIP Need ID: 33247

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

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

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$18,194,000						\$18,194,000
<b>Total:</b>	\$18,194,000	\$0	\$0	\$0	\$0	\$0	\$18,194,000

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Steese Expressway Mile Point 2-5 Rehabilitation**

**FY2022 Request: \$400,000**  
**Reference No: 64090**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Fairbanks (Areawide)  
**Impact House District:** Fairbanks Areawide (HD 1-5)

**Project Type:** Construction  
**House District:** Fairbanks Areawide (HD 1-5)  
**Contact:** Dom Pannone

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

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$400,000						\$400,000
<b>Total:</b>	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

STIP Need ID: 29829

**Tok Cutoff Mile Point 0-8 Rehabilitation**

**FY2022 Request: \$350,000**  
**Reference No: 64256**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Tok

**Project Type:** Construction

**House District:** Eielson/Denali/Upper  
 Yukon/Border (HD 6)

**Impact House District:** Eielson/Denali/Upper  
 Yukon/Border (HD 6)

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$350,000						\$350,000
<b>Total:</b>	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Tok Cutoff Mile Point 76-91 Rehabilitation**

**FY2022 Request: \$950,000**  
**Reference No: 64257**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Tok

**Project Type:** Construction  
**House District:** Eielson/Denali/Upper  
 Yukon/Border (HD 6)  
**Contact:** Dom Pannone

**Impact House District:** Eielson/Denali/Upper  
 Yukon/Border (HD 6)  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**Appropriation:** Surface Transportation Program

**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$950,000						\$950,000
<b>Total:</b>	\$950,000	\$0	\$0	\$0	\$0	\$0	\$950,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Tok Cutoff Mile Point 8-22 Rehabilitation**

**FY2022 Request: \$950,000**  
**Reference No: 64258**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Tok

**Project Type:** Construction

**House District:** Eielson/Denali/Upper  
 Yukon/Border (HD 6)

**Impact House District:** Eielson/Denali/Upper  
 Yukon/Border (HD 6)

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$950,000						\$950,000
<b>Total:</b>	\$950,000	\$0	\$0	\$0	\$0	\$0	\$950,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Federal Program Match**

**FY2022 Request: \$19,800,000**  
**Reference No: 60772**

**AP/AL:** Appropriation with Allocations

**Project Type:** Construction

**Category:** Transportation

**Location:** Statewide

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

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

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

This appropriation provides state matching funds for federal programs.

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

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

See project allocations for detailed project descriptions.

**Federal-Aid Highway State Match**

**FY2022 Request: \$19,800,000**  
**Reference No: 64125**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Statewide  
**Impact House District:** Statewide (HD 1-40)  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**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 \$186.9 million in federal-aid highway funding. These funds may also be used for advanced acquisition of Right-of-Way (ROW) parcels for projects that are eligible for federal funding. These ROW parcels can be used in lieu of the State matching funds on a federally-funded project. It is also allowable that match funds be used for correcting off-system bridges. When the State performs work on improving bridges with non-federal funds, the value of this work can be credited as required match toward federally-funded bridge work. This means each such match dollar serves the State twice, once correcting a bridge problem and again as a match credit.

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

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

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



**Project Description/Justification:**

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

The requested match amount is calculated as follows:

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

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

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

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

**Airport Improvement Program**

**FY2022 Request: \$73,400,000**

**Reference No: 7470**

**AP/AL:** Appropriation with Allocations

**Project Type:** Construction

**Category:** Transportation

**Location:** Statewide

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

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

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

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

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

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

**Prior Funding History / Additional Information:**

See project allocations for detailed project descriptions.

**Project Description/Justification:**

**Alaska International Airport Systems (AIAS)**

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

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

### **Rural Airport System Projects**

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

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

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

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

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

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

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

**Airport Improvement Program**

**FY2022 Request: \$73,400,000**

**Reference No: 7470**

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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](http://dot.alaska.gov/stwdav/documents/Rural_Airport_System_AIP_Spending_Plan.pdf) for the most up-to-date AIP Spending Plan.

**AIAS - State Match**

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

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Anchorage Areawide

**Project Type:** Construction  
**House District:** Anchorage Areawide (HD 12-28)

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

**Contact:** Dom Pannone

**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**Appropriation:** Airport Improvement Program

**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1027 Int Airprt	\$3,400,000						\$3,400,000
<b>Total:</b>	\$3,400,000	\$0	\$0	\$0	\$0	\$0	\$3,400,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Cordova Airport Rescue and Fire Fighting Building Replacement**

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

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Cordova

**Project Type:** Construction  
**House District:** Kodiak/Cordova/Seldovia (HD 32)

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

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Appropriation:** Airport Improvement Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$19,400,000						\$19,400,000
<b>Total:</b>	\$19,400,000	\$0	\$0	\$0	\$0	\$0	\$19,400,000

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Project Description/Justification:**

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

**Homer Airport Improvements - Stage 2**

**FY2022 Request: \$14,200,000**  
**Reference No: 64273**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Homer  
**Impact House District:** Homer/South Kenai (HD 31)  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026  
**Appropriation:** Airport Improvement Program

**Project Type:** Construction  
**House District:** Homer/South Kenai (HD 31)  
**Contact:** Dom Pannone  
**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$14,200,000						\$14,200,000
<b>Total:</b>	\$14,200,000	\$0	\$0	\$0	\$0	\$0	\$14,200,000

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Hoonah Seaplane Base Dredging & Creek Relocation**

**FY2022 Request: \$500,000**  
**Reference No: 64268**

**AP/AL:** Allocation

**Project Type:** Construction

**Category:** Transportation

**Location:** Hoonah

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

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

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Appropriation:** Airport Improvement Program

**Brief Summary and Statement of Need:**

Hoonah Seaplane Base dredging and creek relocation.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$500,000						\$500,000
<b>Total:</b>	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

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

**Prior Funding History / Additional Information:**

No prior funding history.



**Ketchikan Seaplane Ramp Replacement**

**FY2022 Request: \$2,500,000**  
**Reference No: 64271**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Ketchikan

**Project Type:** Construction

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

**Contact:** Dom Pannone

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

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

**Appropriation:** Airport Improvement Program

**Brief Summary and Statement of Need:**

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

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

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Project Description/Justification:**

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

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

**Sitka Airport Terminal Building Modifications**

**FY2022 Request: \$7,000,000**  
**Reference No: 63966**

**AP/AL:** Allocation

**Project Type:** Construction

**Category:** Transportation

**Location:** Sitka

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

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

**Contact:** Dom Pannone

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

**Contact Phone:** (907)465-2956

**Appropriation:** Airport Improvement Program

**Brief Summary and Statement of Need:**

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$7,000,000						\$7,000,000
<b>Total:</b>	\$7,000,000	\$0	\$0	\$0	\$0	\$0	\$7,000,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Project Description/Justification:**

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

**TSAIA - Taxiway Zulu East**

**FY2022 Request: \$26,400,000**  
**Reference No: 63918**

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

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

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$26,400,000						\$26,400,000
<b>Total:</b>	\$26,400,000	\$0	\$0	\$0	\$0	\$0	\$26,400,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

No prior funding history.

**Project Description/Justification:**

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

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

**TSAIA - Taxiway Zulu East**

**FY2022 Request: \$26,400,000**

**Reference No: 63918**

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

**Mineral Security Projects: Rare Earth Mineral Security** **FY2022 Request: \$9,500,000**  
**Reference No: 64391**

**AP/AL:** Appropriation **Project Type:** Education  
**Category:** Education  
**Location:** Statewide **House District:** Statewide (HD 1-40)  
**Impact House District:** Statewide (HD 1-40) **Contact:** Michelle Rizk  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)450-8187

**Brief Summary and Statement of Need:**

Funding for Phase 2 of the Alaska CORE-CM project

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$7,500,000						\$7,500,000
1004 Gen Fund	\$2,000,000						\$2,000,000
<b>Total:</b>	<b>\$9,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,500,000</b>

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

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

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

\* Sec. XX. SUPPLEMENTAL UNIVERSITY OF ALASKA. (a) The amount of federal receipts available under P.L. 117-58 (Infrastructure Investment and Jobs Act), estimated to be \$7,500,000, is appropriated to the University of Alaska in the fiscal year ending June 30, 2022, for mineral security projects, including rare earth mineral security

(b) The amount of general funds required to plan for, coordinate, and match federal receipts available under P.L. 117-58 (Infrastructure Investment and Jobs Act) in (a) of this section, not to exceed \$2,000,000, is appropriated to the University of Alaska in the fiscal year ending June 30, 2022.

University of Alaska Fairbanks - Institute of Northern Engineering (UAF-INE) is currently leading a U.S. Dept of Energy (DOE) funded project to establish a pathway whereby Alaska’s Carbon Ore, Rare Earth and Critical Minerals (CORE-CM) can provide an economically competitive supply of Rare Earth Elements & Critical Minerals (REE-CM) to help reduce the nation’s reliance on non-allied, imported sources.

The Alaska CORE-CM project is funded under a cooperative agreement with DOE’s National Energy Technology Lab (NETL), led by UAF and one of 13 national centers tasked with addressing the critical

shortage of domestically supplied REE-CM. Project partners include DNR Division of Geological and Geophysical Surveys, Green Leaf Carbon Technologies, JWP Consulting, LLC; Technology Holding, LLC; ESP Research, Inc.; Ahtna, Inc.; Ucore Rare Metal; CVMR Inc.; Graphite One Inc.; and Usibelli Coal Mine.

Phase 1 of this multi-phased initiative was funded with a \$1.5 mill DOE grant.

Project deliverables include Basinal Assessments to compile, catalogue, and analyze Alaska's carbon-ore resources and associated REE-CM concentrations to include coal and large-flake graphite deposits; development of a prioritization matrix that incorporates the geological, technical, and financial factors impacting economic production of REE-CM's from Alaska; assessment of existing and future regional waste streams from carbon ore and hard-rock mining operations that could be reused as inputs for production of REE-CM, or high-value, nonfuel carbon-based products or other by-products as consumables, feedstock, and fuels; developing and validating tools and technologies needed to spur CORE-CM development; accelerate research that will enable Alaska Basin-specific commercial deployment of advanced processing; advance new and innovative technology and production of high-value, non-fuel products.

Section 41003 of IIJA provides an additional \$800 million in authority to DOE to continue to advance Rare Earth Element mineral security projects.

Phase 2 of the CORE-CM project is expected to be funded in 2023 with \$7.5 million from DOE-NETL and will require a \$2 million non-federal match.

**Rare Earth Elements Demonstration Facility**

**FY2022 Request: \$500,000**  
**Reference No: 64390**

**AP/AL:** Appropriation

**Project Type:** Education

**Category:** Education

**Location:** Statewide

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

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

**Contact:** Michelle Rizk

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

**Contact Phone:** (907)450-8187

**Brief Summary and Statement of Need:**

Funding for the University of Alaska Fairbanks, Institute of Northern Engineering (UAF-INE) to develop a competitive and responsive proposal to a forthcoming U.S. Department of Energy Rare Earth Element Demonstration Facility grant.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1004 Gen Fund	\$500,000						\$500,000
<b>Total:</b>	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000

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

**Prior Funding History / Additional Information:**

\* Sec. XX. SUPPLEMENTAL UNIVERSITY OF ALASKA. (c) The sum of \$500,000 is appropriated from the general fund to the University of Alaska for efforts to pursue funding available under P.L. 117-58 (Infrastructure Investment and Jobs Act), for a rare earth elements demonstration facility, in the fiscal year ending June 30, 2022.

**Project Description/Justification:**

Section 40205 of IIJA directs the U.S. Department of Energy (DOE) to fund, through an agreement with an academic partner, a rare earth element (REE) demonstration facility that includes a full-scale, vertically integrated REE extraction, separation, and refining facility. The federal legislation appropriates \$140 million towards this initiative. On February 14<sup>th</sup> DOE issued a Request for Information (RFI) to collect public input in the development of a future funding opportunity to design, construct, and operate a demonstration facility to support domestic REE and critical mineral supply chains for commercial and national defense industries, and use in clean energy technologies. University of Alaska Fairbanks - Institute of Northern Engineering (UAF-INE) is coordinating a state response to that RFI.

UAF-INE will also lead a collaboration with a commercial partner to develop one, possibly two, responses to this DOE funding opportunity. Two of UAF's private sector partners are actively pursuing REE-CM processing plants in Alaska, and a third is working toward opening a graphite mine – which

**Rare Earth Elements Demonstration Facility**

**FY2022 Request: \$500,000**  
**Reference No: 64390**

is a critical mineral. Eligible commercial entities will require an academic partner to apply for this funding.

These funds will be used by INE, and its REE-CM partners, to coordinate, develop and prepare competitive grant responses to DOE, and potentially to DoD, which could lead to federal funding to construct a REE-CM processing facility in Alaska. The funds will pay for content development, subject matter expertise, technical writing, and technical and administrative coordination between the cooperating parties involved in preparing the proposal responses. INE will lead a team that will include industry partners, developers, academic researchers, state resource agencies, impacted communities, and other stakeholders.

This is a targeted opportunity that will support UCORE's Bokan REE Strategic Metals Complex (SMC) in Southeast and potentially other commercial mineral developments in interior Alaska. In 2014, the Alaska Legislature authorized \$145 million of AIDEA bond financing for the Bokan REE project.