



State of Alaska
Department of Transportation & Public Facilities

2018-2021
Statewide Transportation
Improvement Program (STIP)

Amendment 4
Approved September 16, 2019



"Keep Alaska Moving through service and infrastructure."

Integrity · Excellence · Respect

How to Reach Us

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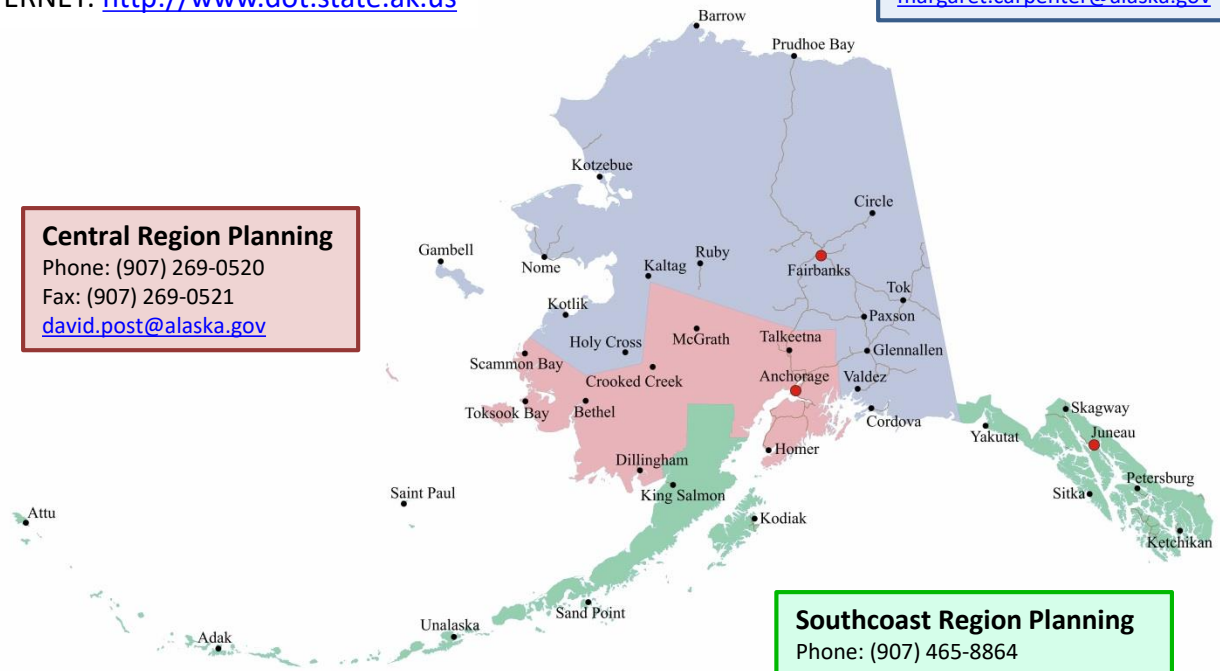
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September 16, 2019

John MacKinnon, Commissioner
Alaska Department of Transportation and Public Facilities
PO Box 112500
3132 Channel Drive
Juneau, AK 99811

Dear Mr. MacKinnon:

Your letter of August 30, 2019 requested approval of Amendment 4 to the 2018-2021 State Transportation Improvement Program (STIP). The amendment addresses scope, funding, and scheduling issues on various projects around the state. None of the projects require air quality non-attainment conformity analysis. The STIP remains fiscally constrained.

In accordance with 23 CFR 450.218, the FHWA and FTA, based on the certification of the statewide and metropolitan transportation planning process for and within the State of Alaska, hereby find that the projects described in the STIP Amendment are based on a transportation planning process that substantially meets the requirements of 23 CFR Part 450 Subparts A, B, C; 49 U.S.C. Sections 5303-5304; and 23 U.S.C. Sections 134 and 135. Therefore, the amendment is approved.

If you have any questions, please contact Mr. John Lohrey, FHWA Transportation Planner at (907) 586-7428, or Mr. Ned Conroy, FTA Community Planner at (206) 220-4318.

Sincerely,

A handwritten signature in black ink, appearing to read "Sandra A. Garcia-Aline".

Sandra A. Garcia-Aline
Division Administrator
Federal Highway Administration

A handwritten signature in black ink, appearing to read "Linda M. Gehrke". To the right of the signature is the handwritten initials "FOR".

Linda M. Gehrke
Regional Administrator
Federal Transit Administration

Electronically cc:

Ben White, Director Program Development

Maren Brantner, STIP Manager, Headquarters DOT&PF

Ned Conroy, FTA

2018-2021 Alaska Statewide Transportation Improvement Program

Alaska Department of Transportation & Public Facilities

Division of Program Development and Statewide Planning

Introduction to the STIP

The Alaska Statewide Transportation Improvement Program (STIP) is the state's four-year program for transportation system preservation and development. Federal statutes (23 USC 135) require that in order to use federal transportation funding, 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 and includes interstate, state and some local highways, bridges, ferries and public transportation.

There are many projects that are not required to be in the STIP. The STIP does not include aviation projects because Federal Aviation Administration (FAA) has its own similar system of project evaluation and fund distribution. Ports and harbors projects are not included in the STIP since financial assistance for ports and harbors is provided through the state-funded Municipal Harbor Facility Grant Program. Also, it is not required for the STIP to include wholly state-funded projects, or other projects that do not require action from the U.S. Department of Transportation.

Overview

This document is the 2018-2021 STIP. It meets the requirements of Title 23 United States Code, Title 23 Code of Federal Regulations, and Title 17 of the Alaska Administrative Code. It is fiscally constrained based upon reasonably expected funding. Staff reviews projects in the STIP for consistency with local land-use and transportation plans, as well as with applicable state policies and plans including the Statewide Long Range Transportation Policy Plan, the Highway Safety Improvement Plan, the State Bicycle and Pedestrian Plan, regional transportation plans and others.

Projects in the STIP are consistent with, and implement, the policies of *Let's Keep Moving 2036*, the Statewide Long Range Transportation Policy Plan. Following a risk-based analytical approach, the plan articulates policies for new facilities, modernization, system preservation, system management and operations, economic development, safety & security, livability, community & environment, and transportation system performance. It identifies action steps for each of the policy areas and identifies transportation performance measures. Plan documents include a Policy Plan, a Trends and System Analysis, and a Freight Element. The Statewide Long-Range Transportation Policy Plan: *Let's Keep Moving 2036*, is available on the DOT&PF website at <http://dot.alaska.gov/stwdplng/areaplans/>

The STIP is consistent with other planning efforts, including DOT's Highway Safety Improvement Plan, approved regional transportation plans (components of the Long Range Transportation Policy Plan), Transportation

Improvement Programs (TIPs) prepared by Metropolitan Planning Organizations (MPO) in both Anchorage and Fairbanks, municipal comprehensive plans and tribal transportation plans.

The STIP also reflects the goals of the state administration to support economic development, and seeks opportunities to link resource-rich areas to the state's highway, port and rail system.

STIP Revisions

STIP projects do not always proceed on schedule, so in order to maximize the state's ability to use its federal spending authority, projects not ready to advance at a critical time yield their place in the schedule to other projects that are ready to go. Such changes require amendments to the STIP using procedures established in state and federal law and, except for minor or administrative changes, require a public notice and comment period. All revisions to the STIP have specific approval, review and public notice requirements; all of which are reviewed, tracked and approved by Alaska DOT&PF, Federal Highway Administration (FHWA), and Federal Transit Administration (FTA). There are three main types of STIP revisions: an Amendment, an Administrative Modification, and Incorporation by Reference.

Amendment (AMD): An amendment is a formal, publically noticed revision of the STIP required when making certain types of changes. Amendments are not complete until they are approved by FHWA and FTA. The Department provides notice of a proposed amendment by publication of a notice in a newspaper of general circulation and by written notice informing MPO's, Tribes and others affected by the amendment. The notice describes the amendment and the effect of the amendment on the STIP, solicits comments, and provides for a comment period of 30 days following publication of the notice. An amendment is required when adding or removing a project from the STIP, when making changes to a project that have a significant increase or decrease in funding amount, a major change in fund scheduling, when adding a phase to a project, or when making major changes to the description and/or title of a project.

Administrative Modification (AM): An administrative modification is an informal revision of the STIP where the changes are minor and public notification is not required. An administrative modification may not affect fiscal constraint. Administrative modifications do not require FHWA or FTA approval.

Incorporation by Reference (INC): Transportation Improvement Programs (TIPs) are incorporated into the STIP by reference. Typically, the STIP will incorporate TIPs from Metropolitan Planning Organization's (MPO), (See "Metropolitan Areas" below) and Federal agencies such as Western Federal Lands (WFL) and the Bureau of Indian Affairs (BIA).

Public Involvement

Federal regulation, state regulation, state statute and Department policies and procedures govern public involvement in the transportation planning process. These laws and procedures guide the consultation and coordination required with Tribes, with MPO's, with other (non-MPO) municipalities and communities. DOT&PF solicits and evaluates public involvement during the project nomination period, during the public review period of the Draft STIP, and when amending an approved STIP. Interested parties may submit comments via the internet at www.dot.alaska.gov/stip or to the planners in Anchorage, Fairbanks or Juneau. A Regional Area Planner map can be found at the STIP website.

The Department updates the STIP website often, making it the best place to check the dates for online meetings and public comment opportunities. <http://www.dot.alaska.gov/stip>.

Fixing America's Surface Transportation (FAST) Act

On December 4, 2015, President Obama signed the Fixing America's Surface Transportation (FAST) Act (Pub. L. No. 114-94) into law—the first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment. The FAST Act authorizes \$305 billion over federal fiscal years 2016 through 2020 for highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, research, technology, and statistics programs. It is anticipated that available funding will continue to increase at a rate of 2% annually.

The FAST Act maintains performance-based multimodal programs and reforms established under the Moving Ahead for Progress in the 21st Century (MAP-21) Act by focusing on safety, maintaining infrastructure condition, reducing traffic congestion, improving efficiency of the system and freight movement, protecting the environment, reducing delays in project delivery and, for the first time, providing a dedicated source of funding for freight projects.

The FAST Act provides for a predictable, long-term funding certainty for surface transportation infrastructure planning and investment through core formula programs such as:

- National Highway Performance Program (NHPP),
- Surface Transportation Block Grant Program (STGP),
- Congestion Mitigation and Air Quality Improvement Program (CMAQ),
- Highway Safety Improvement Program (HSIP),
- Railway-Highway Crossings (set-aside from HSIP),
- Metropolitan Planning,
- National Highway Freight Program, and the
- Ferry Boat Formula Program.

For more detailed information regarding the FAST Act, please visit the web site: <http://www.fhwa.dot.gov/fastact/>

Other Project Categories

Illustrative List (ILLU) - This STIP includes additional projects that could proceed if additional funding becomes available. The additional projects constitute the “illustrative” list of projects allowed under federal regulation 23 CFR 450.216(l). Should a scheduled project encounter delays and be unable to advance as proposed, if actual project bids come in lower than what we have estimated, or if sufficient funds are identified for other reasons, we may select a project from the illustrative list in order to make maximum use of the funds. If a project is selected from the illustrative list to move ahead, it must receive formal approval action from the FHWA or FTA before work can proceed.

Highway and Transit Maintenance and Operations (M&O) - After a project is completed and opened to public use, it is included in the department’s routine maintenance schedule. Federal planning regulations require the STIP demonstrate that appropriate funds are available to adequately maintain and operate the surface transportation system as a whole. Most of the funds used to pay for maintenance and operations are state funds in the annual state operating budget.

Maintenance and operation forces are organized geographically into regions, with field offices in Fairbanks, Anchorage and Juneau. The field offices manage highway maintenance stations distributed along the highway system and at key airports. Each region is staffed to adequately operate and maintain Alaska’s highways. Maintenance is the responsibility of the state or local agencies that own and operate the roads and typically is not eligible for federal funding assistance, although certain types of preventive maintenance activities are eligible for federal funding.

Maintenance and operation responsibilities include all the activities to keep our state highways, bridges, airports, buildings and harbors in good condition and safe for the traveling public. These include pavement repair, snowplowing, snow hauling, brush cutting, guardrail repair, sign maintenance, street/traffic light repair, drainage structures, fence maintenance, airport light repair, airport safety, security and facility repairs.

Metropolitan Planning Organizations (MPOs) - Federal regulation requires that each state transportation department develop a STIP for all areas of the state outside of MPOs. For metropolitan areas, the MPOs develop their own TIPs (Transportation Improvement Programs), which are approved by the Governor or his/her delegate and are incorporated by reference into the STIP. Alaska has two MPOs: Anchorage Metropolitan Area Transportation Solutions (AMATS) and Fairbanks Metropolitan Area Transportation System (FMATS). Each TIP and all amendments are incorporated by reference into the STIP and are linked to the STIP website at www.dot.alaska.gov/stip.

Public and Human Service Transportation (Transit) projects in the STIP - The Federal Transit Administration (FTA) administers several public and human services transportation grant programs that provide financial assistance to develop new transit systems and to improve, maintain, and operate existing systems. Like highway federal-aid programs, each public transportation program has different requirements intended to meet specific needs as determined by Congress. While some funds flow directly from FTA to designated recipients with the legal authority to receive and dispense federal funds, such as cities, towns, regional governments, Alaska railroad or transit authorities, DOT&PF administers many of the grant programs in Alaska according to the specific requirements of each.

EPA Air Quality Issues and Congestion Mitigation and Air Quality (CMAQ) Projects

Alaska has air quality nonattainment areas and maintenance areas. “Nonattainment” areas are those areas that fall below air quality standards. “Maintenance areas” are those that now meet air quality standards, but need funds to maintain the improvements and programs that brought their air quality up to acceptable standards.

- Portions of Anchorage and the Fairbanks North Star Borough are classified as maintenance areas for carbon monoxide (CO).
- Juneau’s Mendenhall Valley and portions of Eagle River are currently classified as coarse particulate matter (PM-10) maintenance areas.
- A portion of the Fairbanks North Star Borough has been classified as a nonattainment area for fine particulate matter (PM-2.5).

While the air quality of Alaska cities has improved dramatically for CO and PM-10 since the early 1980s, Anchorage, Fairbanks and Juneau are required to continue to measure air quality impacts of transportation projects under the federal Clean Air Act. These communities, with assistance from the Alaska Department of Environmental Conservation (ADEC), must periodically prepare updates to the State Implementation Plan (SIP) that demonstrates maintenance of CO and PM air quality standards.

The Clean Air Act prohibits federal actions that could cause new air quality violations or otherwise jeopardize attainment of air quality standards. This policy requires a review of all planned transportation projects in Alaska’s nonattainment and maintenance areas to ensure they will not lead to decreased air quality. This analysis, known as “transportation conformity,” requires a demonstration that highway and transit projects are consistent with the most recently approved maintenance SIP emissions budget for CO and/or PM, now and in the future.

Metropolitan Transportation Plans (MTP) and Transportation Improvement Program (TIP) projects proposed for construction within air quality nonattainment and maintenance areas must undergo regional and project-level analysis to make sure they conform to the SIP. Regional analysis looks at the combined emission impacts of all projects in an area for each year within the TIP timeframe, an approximately twenty-year period. The regional analysis must consider all transportation projects, regardless of funding source. Project-level analysis looks at the

emission impacts at the project location to ensure no new localized “hot-spot” violations of the air quality standards will result.

Air Quality Emission Caps - In nonattainment and maintenance areas air quality emission budgets are required as part of approved State Implementation Plans (SIPs) for communities. These approved conformity caps or air emission “budgets” cannot be exceeded in future years. Conformity is a requirement where the TIPS and MTPs are shown to not exceed the emission budgets or that projects will not cause or increase any air quality problems. Federal rules require that conformity determinations on TIPS and MTPs be updated within 18 months of any newly approved emission budget. Federal rules also require that conformity determinations on TIPS and MTPs are updated every 4 years to incorporate the latest planning assumptions, growth projections, vehicle miles travelled (VMT) and fiscal constraint. Additionally, conformity determinations are required when changes or amendments to TIPS and MTPs trigger the requirement. Limited maintenance plans, such as those for carbon monoxide in Anchorage and Fairbanks, and particulate matter (PM10) in Eagle River and Juneau, do not require the emission budget test, but they still require a conformity determination.

Rural Particulate Matter - Recent air monitoring in rural areas of Alaska indicates that some areas experience high concentrations of particulate, mostly dust. One source of the particulate matter in these communities is the road dust from the use of vehicles (cars, trucks, and four-wheelers) on unpaved roads. DOT&PF and ADEC are working together to identify possible solutions to the problem. Community outreach is underway in some areas to bring local ideas into the process:

- watering roads during dry periods,
- use of chemical additives (salts) mixed with water to alleviate dust,
- speed limits and limiting mechanized travel,
- rerouting traffic away from elder’s homes or schools (areas with sensitive people: elders and children), and
- road paving.

All control options have both advantages and disadvantages. In order to find a practical option for each area, it will likely be necessary to tailor a specific solution to that area.

Project Programming in the STIP

The STIP is made up of projects, divided into phases, scheduled according to the time estimated to accomplish each phase and the funding needed to complete it. Each funding source has different requirements or objectives, so the final selection of projects for the STIP depends on the available funding.

Multi-Phase, Phase 0 – This phase identifies programs that have multiple projects and for individual projects where the phases of work required for the improvements have yet to be defined. Examples include;

- Anchorage Metropolitan Area Transportation Solutions (AMATS) and the Fairbanks Metropolitan Area Transportation System (FMATS) Community Transportation Program Allocations,
- Recreational Trails Program,
- Transportation Alternative Program,
- Pavement and Bridge Rehabilitation Program,
- Highway Safety Improvement Program, and the
- Alaska Railroad and Public Transit System Programs.

Miscellaneous/Other, Phase 9 – This phase identifies projects which do not result in physical construction. Examples of projects include bridge inspections, workforce development, safety education programs, inventory and condition surveys, information technology, and planning activities not funded directly with dedicated planning funding.

Statewide Planning and Research, Phase 8 – This phase is used for planning and research, development, and technology transfer (RD&T) activities.

Planning includes activities, programs, and studies necessary to evaluate transportation systems, identify project needs, develop preliminary scopes of work, and evaluate, rank and program projects. Project nominations may come from DOT&PF maintenance or other support personnel who encounter a problem in the field; through analyses from bridge, pavement management or highway safety programs; and from local governments, other state or federal agencies, and the general public. Projects to address specific problems may be combined with others in the same area or of the same type to address multiple roadway issues while reducing engineering and administration costs. As part of the planning process local, regional, statewide and modal plans and other sources are consulted to refine and justify the projects and preliminary cost estimates are prepared. Finally, the projects are evaluated and prioritized in accord with the Statewide Long-Range Transportation Plan, then scheduled into the program as funding permits.

Research, development, and technology transfer (RD&T) includes activities, programs, and studies necessary to gain greater scientific knowledge and understanding of transportation systems to address transportation concerns before they become critical problems. Technology transfer may lead to the adoption of new techniques or products to enhance the transportation systems. Under this program ADOT&PF may work with other State DOT's, the FHWA, and other agencies to promote, share, and apply transportation research results.

Design (Preliminary Engineering), Phase 2 - The design or preliminary engineering phase outlines a project and through increasingly detailed steps refines the project to develop highly specific project plans that construction contractors use to guide their work. A larger or more complex project may include a reconnaissance study to outline the issues involved, identify and analyze alternative solutions, and provide comparisons of the alternatives. Every

project will entail some level of environmental review; the more complex or controversial projects may need detailed environmental impact studies, while simpler, routine projects may qualify for categorical exclusions. During the environmental review, design staff develops practicable or reasonable alternatives to the extent necessary to evaluate environmental impacts and estimate costs. Not all costs can be identified at this point, however, that will come as the project is further developed.

The design process also includes preliminary right of way and utility identification and, if needed, detailed right of way and utility phases. Some projects may warrant a project-specific public involvement plan (PIP) to inform the public and to ensure that all reasonable alternatives are identified and that public and agency concerns are considered and addressed before committing to a preferred action. Support groups such as bridge, geotechnical/materials, hydrology, traffic, right-of-way, surveying, and utilities will also prepare specific studies, reports and design documents as needed as the project progresses.

Right of Way, Phase 3 - During the design phase the right-of-way (ROW) staff review the preliminary plans for each alternative under consideration in the environmental process. The staff prepares base maps and estimates of the probable number of parcels for each alternative and their acquisition and relocation costs. Each alternative is also assessed in terms of the number and socio-economic effects of residential and business relocations it causes. The results are included in the project's environmental document.

After the design of the project is completed and approval is given to move ahead, the ROW staff appraise the fair market value of land needed, including affected improvements, negotiate property acquisitions, relocate any displaced families and businesses, and certify the department's ownership or land interest. They also are charged with controlling encroachments and disposing of lands no longer needed for public use.

Construction, Phase 4 - The construction phase includes all activities involved in building or altering an existing road or structure, including clearing land, demolition, excavation, moving material to establish curve and grade, drainage, fill, pavement, erection of bridges, guardrails, traffic signals, lighting, culverts, and traffic control. Depending on the project and location, it may also include temporary detours, steps to prevent or mitigate environmental problems and landscaping. Construction may take anywhere from a few days or weeks to several years to complete.

Utilities, Phase 7 - For each alternative under consideration in the design phase, the utilities engineer reviews preliminary plans that show line, grade, slope limits, and clear zone widths, and the plans are shared with the affected utility companies. The utility determines the adjustments and relocations necessary to avoid conflict with the project (which may warrant revising design plans), designs the changes to its facilities, and prepares plans and cost estimates to support the relocation agreement. In some cases, DOT&PF or a consultant performs the utility relocation design for relocation work to be included in the contract. The utilities engineer will verify adjustments or

relocations necessary for each alternative and rough cost estimates. If additional right-of-way is necessary to accommodate utility relocation, these requirements will be shared with the ROW section for inclusion into the ROW cost estimates. After the design is completed and the project is approved to proceed, utility relocations may begin. Relocation may be performed by the utility company, by a contractor managed by utility or the department, or as part of the department's highway contract.

Each of these phases may involve anywhere from a few months to many years to complete. Some projects require all of these phases, while others may need only design and construction phases. In addition, depending on the complexity of the project, each phase may consist of a number of intermediate stages. The life of a project, from identification to completion may range from a few months (rare) to many years.

The STIP Website

www.dot.alaska.gov/stip is where you will find the most current information on the STIP and the projects planned for your area.

STIP and Project Reporting Tools - There are several ways to view the current approved STIP and historical STIP documents, all of which are linked to the main STIP website. The official version of the STIP is the PDF version linked to the main site and the most recently approved on the revision summary table. The official version will be a complete packet including contact information, a table of contents, this introduction, project pages and other relevant information located in the appendices at the end. Every time the STIP is updated, the details will be added to the revision table along with a link to the approved STIP associated with that revision. The live search allows users to select STIP project information based on filters they choose. If no filters are chosen, all projects in the STIP will be listed. Using this tool, a user can get a custom list of STIP projects, choose how they are sorted and decide whether they want a report in Excel or HTML format.

If you have trouble accessing information, or want to report an issue, please contact the STIP office for assistance.

Alaska Marine Highway System Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number.

2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 5985

Title: Shoreside Facilities Condition Survey

Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Conduct and document shoreside facilities condition surveys.
Prepare annual survey updates.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	FBF	240,000	0	240,000	
Other / Miscellaneous	SM	60,000	0	60,000	
Totals:		300,000	0	300,000	300,000

Program: Alaska Highway System	Sponsor: DOT&PF
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	



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Need ID: 6413

Title: Fleet Condition Survey Update

Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Update AMHS fleet condition survey.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	ACC	-400,000	0	0	
Other / Miscellaneous	FBF	800,000	400,000	400,000	
Other / Miscellaneous	SM	100,000	100,000	100,000	
Totals:		500,000	500,000	500,000	500,000

Program: Alaska Highway System	Sponsor: DOT&PF
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



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Need ID: 13883

Title: Skagway Terminal Modifications

Region: Marine Highways

Place Name: Skagway

Highway: Marine Highway

Project Description:

Replace existing mooring float and transfer bridge, refurbish existing side berth mooring structures and construct new mooring structures to provide end berth for Alaska Class Ferry vessels.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	3PF	135,450	45,150	0	
Design	FBF	1,364,550	400,000	0	
Design	SM	0	54,850	0	
Right of Way	3PF	0	9,030	0	
Right of Way	FBF	0	80,000	0	
Right of Way	SM	0	10,970	0	
Construction	3PF	0	2,573,550	0	
Construction	FBF	0	22,800,000	0	
Construction	SM	0	3,126,450	0	
Totals:		1,500,000	29,100,000	0	0

Program: Alaska Highway System	Sponsor: ADOT/PF
Primary Work: Ferry Boats	PEB Score:
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria:
Borough/Census Area: Skagway, Municipality and Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	



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Need ID: 18358
Title: Ferry Refurbishment
Region: Marine Highways
Place Name: Statewide
Highway: Marine Highway

Project Description:

Annual ferry refurbishment, regulatory driven, dry-docking.
 Address vessel refurbishment priorities as established in annual
 AMHS Fleet Condition Survey Report.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-797,744	0	0	
Design	FBF	1,500,000	1,500,000	1,500,000	
Design	SM	375,000	375,000	375,000	
Construction	ACC	-429,381	0	0	
Construction	FBF	429,381	0	0	
Totals:		1,077,256	1,875,000	1,875,000	1,875,000

Program: Alaska Highway System	Sponsor: ADOT/PF
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 18359

Title: Design Construct Lease Purchase Ferryboats and Terminals

Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Design/construct/lease/purchase ferryboats and terminals for AMHS.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	FBF	400,000	400,000	400,000	
Design	SM	100,000	100,000	100,000	
Construction	FBF	100,000	100,000	100,000	
Construction	SM	200,000	200,000	200,000	
Totals:		800,000	800,000	800,000	1,600,000

Program: Alaska Highway System	Sponsor: ADOT/PF
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26329

Title: Marine Highway Intelligent Transportation Systems Implementation Plan

Region: Marine Highways

Place Name: Statewide

Highway:

Project Description:

Plan, design and construct projects that are part of the Alaska lways Architecture (AKIA) where advanced technology can provide the greatest benefit to Multi-Modal Information Connections, Internal Operations, Traveler Safety & Infrastructure, Security Enhancements and Traveler Information and Communication.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p style="text-align: center;">Program: Alaska Highway System _____</p> <p style="text-align: center;">Primary Work: ITS _____</p> <p style="text-align: center;">2013 Election District: 99 Statewide _____</p> <p style="text-align: center;">Borough/Census Area: Various Boroughs _____</p> <p style="text-align: center;">Municipal Planning Org. (MPO): non-MPO _____</p>	<p style="text-align: right;">Sponsor: _____</p> <p style="text-align: right;">PEB Score: _____</p> <p style="text-align: right;">Criteria: _____</p> <p style="text-align: right;">Functional Class: N/A _____</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28669

Title: Haines Ferry Terminal End Berth Facility

Region: Marine Highways

Place Name: Haines

Highway: Marine Highway

Project Description:

The purpose of this project is to modify the existing Haines ferry terminal to accommodate end loading of AMHS ferry vessels.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-450,719	0	0	
Design	FBF	450,719	0	0	
Construction	AC	0	0	10,000,000	
Construction	FBF	0	0	10,000,000	
Construction	SM	0	0	5,000,000	
Totals:		0	0	25,000,000	10,000,000

Program: Alaska Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28789

Title: AMHS Gustavus Ferry Terminal Modifications

Region: Marine Highways

Place Name: Gustavus

Highway: Marine Highway

Project Description:

Reconfigure existing ferry terminal and multi-use dock facility to accommodate a bridge lift system, improve vehicle access and provide separated ferry terminal and harbor access.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-580,666	0	0	
Design	FBF	700,666	0	0	
Design	SM	30,000	0	0	
Construction	EMRK	132,621	0	0	
Construction	FBF	7,493,903	0	0	
Construction	SM	1,873,476	0	0	
Totals:		9,650,000	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28790

Title: AMHS Tenakee Ferry Terminal Improvements

Region: Marine Highways

Place Name: Tenakee Springs

Highway: Marine Highway

Project Description:

Replace and refurbish existing ferry terminal and multi-use dock facility.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-720,000	0	0	
Design	FBF	720,000	0	0	
Right of Way	FBF	181,940	0	0	
Right of Way	SM	18,060	0	0	
Construction	AC	11,200,000	0	0	
Construction	ACC	0	-5,600,000	-5,600,000	
Construction	FBF	0	5,600,000	5,600,000	
Construction	SM	2,800,000	0	0	
Totals:		14,200,000	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 35 Sitka/Petersburg	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28791

Title: AMHS Wastewater Treatment System Upgrades

Region: Marine Highways

Place Name: Various

Highway: Marine Highway

Project Description:

Replace or modify existing wastewater treatment systems at the AMHS ferry terminal facilities in Haines, Skagway, Sitka and Juneau.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	FBF	4,000,000	0	0	
Construction	SM	1,600,000	0	0	
Totals:		5,600,000	0	0	0

<p>Program: <u>Alaska Highway System</u></p> <p>Primary Work: <u>Ferry Boats</u></p> <p>2013 Election District: <u>91 Southcoast Region</u></p> <p>Borough/Census Area: <u>Various Boroughs</u></p> <p>Municipal Planning Org. (MPO): <u>not identified</u></p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: <u>PRINCIPAL ARTERIAL - OTHER</u></p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29709

Title: Auke Bay Ferry Terminal Modification and Improvements

Region: Marine Highways

Place Name: Juneau

Highway: Marine Highway

Project Description:

Reconfigure the existing stern berth facility to accommodate the Alaska Class Ferry vessel.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	FBF	160,000	0	0	
Design	SM	40,000	0	0	
Construction	FBF	4,640,000	0	0	
Construction	SM	1,160,000	0	0	
Totals:		6,000,000	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 34 Mendenhall Valley	Criteria: _____
Borough/Census Area: Juneau, City and Borough of	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30189

Title: AMHS Tustumena Replacement Vessel

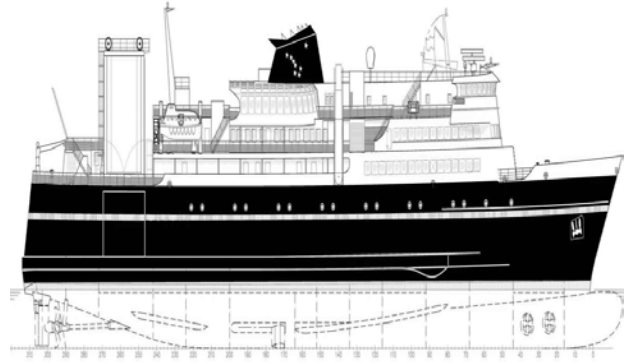
Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Construct a replacement ferry to service Southcentral and Southwest Alaska coastal communities.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	206,807,142	0	
Construction	ACC	0	0	-51,701,786	
Construction	EMRK	0	9,337,308	0	
Construction	NHPP	0	0	51,701,786	
Construction	OSF	0	22,000,000	0	
Totals:		0	238,144,450	0	155,105,357

Program: Alaska Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30529

Title: AMHS Ferry Terminal Storage Tank Removal

Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Remove and replace underground storage tanks at AMHS ferry terminals.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	FBF	640,000	0	0	
Construction	SM	160,000	0	0	
Totals:		800,000	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: Ferry Boats</p> <p>2013 Election District: 99 Statewide</p> <p>Borough/Census Area: Various Boroughs</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: N/A</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31098

Title: Ketchikan Ferry Terminal Improvements Stage II

Region: Marine Highways

Place Name: Ketchikan

Highway: Marine Highway



Project Description:

This project will remedy structural and operational deficiencies at the Ketchikan AMHS Ferry Terminal. This project will replace and refurbish existing vessel mooring and berthing structures, provide a new mooring dolphin structure and construct upland access and terminal building improvements. Stage 1 of 2 stage project (NID 27450)

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	2,400,000	0	
Construction	ACC	0	0	-2,400,000	
Construction	FBF	0	0	2,400,000	
Construction	SM	0	600,000	0	
Totals:		0	3,000,000	0	0

<p>Program: Alaska Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg</p> <p>Borough/Census Area: Ketchikan Gateway Borough</p> <p>Municipal Planning Org. (MPO): not identified</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31450

Title: M/V Aurora Repower & Ship Systems Upgrades

Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Replace main propulsion engines and subsystem upgrades.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: Alaska Highway System _____</p> <p>Primary Work: Ferry Boats _____</p> <p>2013 Election District: 99 Statewide _____</p> <p>Borough/Census Area: Various Boroughs _____</p> <p>Municipal Planning Org. (MPO): non-MPO _____</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER _____</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31922

Title: Auke Bay Ferry Terminal Building Refurbishment

Region: Marine Highways

Place Name: Juneau

Highway: Marine Highway

Project Description:

Refurbish the existing Auke Bay Ferry Terminal building structure.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	FBF	120,000	0	0	
Design	SM	30,000	0	0	
Construction	FBF	0	504,000	0	
Construction	SM	0	126,000	0	
Totals:		150,000	630,000	0	0

<p>Program: Required programs and Preventive Maintenance</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 80 Juneau Areawide</p> <p>Borough/Census Area: Juneau, City and Borough of</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: N/A</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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Central Region Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the Central Region planning manager: Phone: (907) 269-0520 Email: david.post@alaska.gov

2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2186

Title: Aleknagik Wood River Bridge Approach Roads

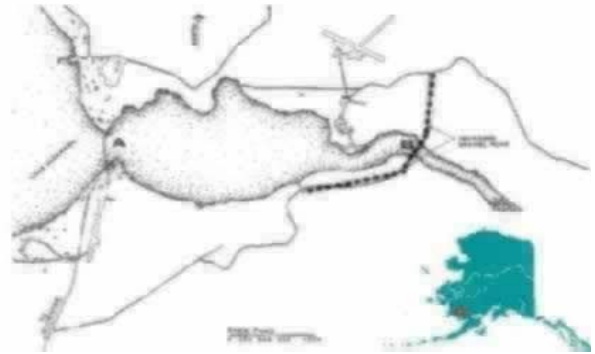
Region: Central

Place Name: Aleknagik

Highway: N/A

Project Description:

Construct road between Aleknagik (North Shore) with the Dillingham-Aleknagik Road.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	-1,365,877	0	0	
Construction	STP	1,365,877	0	0	
Totals:		0	0	0	0

Program: Alaska Highway System	Sponsor: City of Aleknagik
Primary Work: New Bridge Access	PEB Score:
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria:
Borough/Census Area: Dillingham	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2320

Title: Glenn Highway Mile Point 45-49 (Milepost 53-56)

Reconstruction Moose Creek Canyon

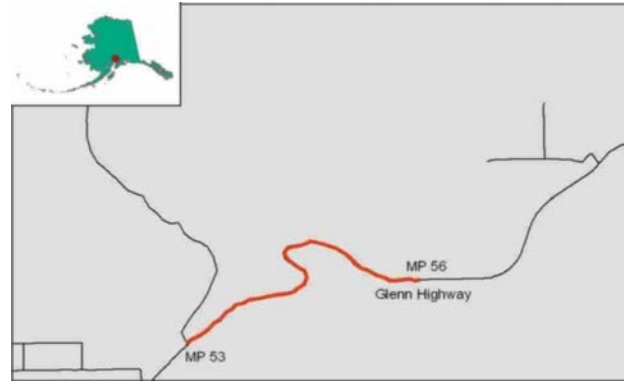
Region: Central

Place Name: Central Region

Highway: Glenn Highway

Project Description:

Reconstruct approximately 3 miles of Glenn Highway, including replacement of the Moose Creek Bridge. Project straightens horizontal curve. Includes Bridge No. 0541 Moose Creek.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	2,729,100	0	0	
Right of Way	SM	270,900	0	0	
Construction	AC	0	0	45,465,000	
Construction	SM	0	0	4,535,000	
Utilities	NHPP	0	0	909,300	
Utilities	SM	0	0	90,700	
Totals:		3,000,000	0	51,000,000	45,465,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2481

Title: Seward Meridian Road Improvements

Region: Central

Place Name: Central Region

Highway: N/A



Project Description:

This is the final phase of the Seward Meridian Parkway project, and consists of upgrading Seward Meridian Road to four lanes with a center turn lane, and a pathway from Palmer-Wasilla Highway to Bogard Road and extend Seward Meridian Road to connect with Seldon Road including upgrading the existing 6/10ths of a mile of of the existing road serving Teeland Middle School, Mat-Su Career and Tech High School, and Fonteras K-8 school. Project also includes installation of signal at the intersection with Seldon Road.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	SM	361,200	0	0	
Right of Way	STP	3,638,800	0	0	
Construction	AC	0	0	23,288,320	
Construction	SM	0	0	2,454,535	
Construction	STP	0	0	1,439,145	
Totals:		4,000,000	0	27,182,000	23,288,320

Program: Community Transportation Program	Sponsor: Matanuska - Susitna Borough
Primary Work: Reconstruction	PEB Score: 111.2
2013 Election District: 7 Greater Wasilla	Criteria: Urban and Rural
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2503

Title: Wasilla Fishhook Road / Main Street

Region: Central

Place Name: Wasilla

Highway: N/A

Project Description:

Develop a one-way couplet in downtown Wasilla bounded by Bogard Road, Knik-Goose Bay Road/Main Street, Yenlo/Talkeetna Street and the Palmer-Wasilla Highway. This project is needed to mitigate traffic congestion in downtown Wasilla, and is the initial effort to begin addressing the capacity and safety needs of the Knik-Goose Bay corridor. Knik-Goose Bay Road is a designated Safety Corridor.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	5,185,290	0	0	
Right of Way	SM	514,770	0	0	
Totals:		5,700,060	0	0	32,000,000

Program: National Highway System	Sponsor: City of Wasilla
Primary Work: Reconstruction	PEB Score: 199
2013 Election District: 7 Greater Wasilla	Criteria: Urban and Rural
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2617

Title: Seward Highway Mile Point 17-23 (Milepost 17-22.5)

Rehabilitation Snow River to Lawing

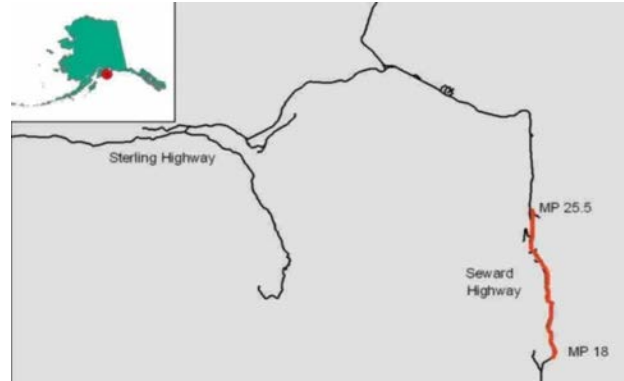
Region: Central

Place Name: Central Region

Highway: Seward Highway

Project Description:

Project will replace the bridge at Victor Creek (bridge no. 0607), rehabilitate both bridges over Snow River (bridge nos. 0605 & 0603), rehabilitate the roadway and may include widening shoulders and the construction of passing lanes where feasible.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	62,700,000

<p>Program: <u>National Highway System</u></p> <p>Primary Work: <u>Bridge Rehabilitation</u></p> <p>2013 Election District: <u>29 North Kenai</u></p> <p>Borough/Census Area: <u>Kenai Peninsula Borough</u></p> <p>Municipal Planning Org. (MPO): <u>non-MPO</u></p> <p>Performance Measures: <u>Bridge, Pavement, Safety</u></p>	<p>Sponsor: <u>DOT&PF</u></p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: <u>PRINCIPAL ARTERIAL - OTHER</u></p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2620

Title: Seward Highway Mile Point 24-36 (Milepost 25-36)

Rehabilitation Moose Pass to Sterling Wye

Region: Central

Place Name: Central Region

Highway: Seward Highway

Project Description:

Rehabilitate roadway and or upgrade as needed. Project may include slow vehicle turnouts and sight distance improvements to increase passing opportunities.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	909,700	0	0	
Design	SM	90,300	0	0	
Right of Way	NHPP	0	591,045	0	
Right of Way	SM	0	58,955	0	
Totals:		1,000,000	650,000	0	60,200,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2670

Title: Sterling Highway Mile Point 116-129 (Milepost 157-169)
Rehabilitation Anchor Point to Baycrest Hill

Region: Central

Place Name: Central Region

Highway: Sterling Highway

Project Description:

Provide passing lanes, widening and realignment as needed to address safety and passing opportunities, and resurface pavement between Anchor Point and the top of Homer Hill. Also includes the replacement of bridge #666 and bridge #4020. Project will be coordinated with, and partially funded by, the Highway Safety Improvement Program.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	1,571,962	0	0	
Right of Way	SM	156,038	0	0	
Totals:		1,728,000	0	0	80,800,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 31 Homer/South Kenai	Criteria: Urban and Rural
Borough/Census Area: Kenai Peninsula Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2673

Title: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction

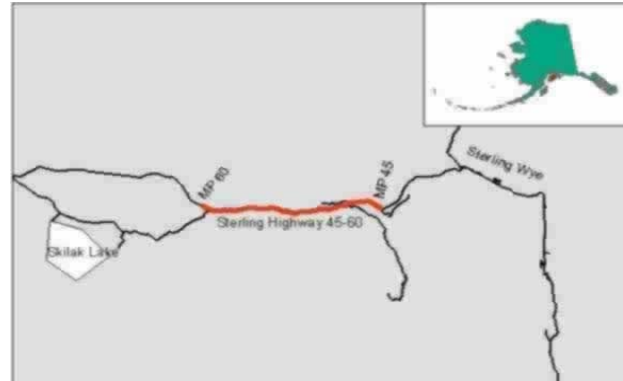
Region: Central

Place Name: Central Region

Highway: Sterling Highway

Project Description:

Construct approximately 15 miles of new two-lane highway with 12-foot driving lanes, paved shoulders and passing and climbing lanes where necessary. This is the overall design and right-of-way acquisition for the entire termini. Construction is expected to happen in six stages. The first two construction stages are identified under Need ID 32300, Need ID 32319. This Need ID includes all remaining funds and will be used for the final stage of construction. Additional Need ID's will be created as the construction stages move into the programmed years of the STIP.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	AC	20,004,600	0	3,638,800	
Design	ACC	0	-5,000,000	-5,000,000	
Design	NHPP	0	5,000,000	5,000,000	
Design	SM	1,986,600	0	361,200	
Right of Way	AC	0	3,002,010	0	
Right of Way	ACC	0	0	-3,002,010	
Right of Way	NHPP	0	0	3,002,010	
Right of Way	SM	0	297,990	0	
Totals:		21,991,200	3,300,000	4,000,000	249,504,600

Program: National Highway System	Sponsor: DOT&PF
Primary Work: New Construction	PEB Score:
2013 Election District: 29 North Kenai	Criteria: Urban and Rural
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Freight Travel Time, Safety	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 6087
Title: Highway Safety Improvement Program/Safety Management
Region: Central
Place Name: Central Region
Highway: N/A



Project Description:
 HSIP Management, studies and responses on safety-related issues.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SA	607,500	607,500	607,500	
Other / Miscellaneous	SM	67,500	67,500	67,500	
Totals:		675,000	675,000	675,000	1,350,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Safety	PEB Score:
2013 Election District: 92 Central Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 6460

Title: AMATS CTP Program Allocation

Region: Central

Place Name: Anchorage

Highway: N/A

Project Description:

AMATS CTP Program Allocation. See AMATS TIP for projects.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	607,904	623,102	638,679	
Multi-Phase Activity	SM	1,823,711	1,869,304	1,916,036	
Multi-Phase Activity	STP	26,928,185	27,601,390	28,291,424	
Totals:		29,359,800	30,093,796	30,846,139	31,463,062

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score: 999
2013 Election District: 50 Anchorage Areawide	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class: N/A
Municipal Planning Org. (MPO): AMATS	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 9299

Title: AMATS CMAQ Allocation for Qualifying Air Quality Projects

Region: Central

Place Name: Anchorage

Highway: N/A

Project Description:

This is an additional allocation for projects utilizing federal mandatory Congestion Mitigation and Air Quality Improvement (CMAQ) funding on qualifying projects.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	CMAQ-M	2,050,472	2,101,733	2,154,277	
Multi-Phase Activity	SM	204,529	209,642	214,883	
Totals:		2,255,001	2,311,375	2,369,160	2,428,388

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Congestion	PEB Score: 999
2013 Election District: 50 Anchorage Areawide	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class: N/A
Municipal Planning Org. (MPO): AMATS	
Performance Measures: CMAQ, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 11439

Title: Whittier Tunnel: Maintenance and Operations

Region: Central

Place Name: Whittier

Highway: N/A

Project Description:

Maintenance and operations for federal-aid eligible portion of Whittier tunnel and approaches.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	NHPP	3,775,255	3,775,255	3,775,255	
Construction	SM	374,745	374,745	374,745	
Totals:		4,150,000	4,150,000	4,150,000	4,150,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Other	PEB Score:
2013 Election District: 28 South Anchorage	Criteria:
Borough/Census Area: Valdez-Cordova	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 11721
Title: Lucas Road Improvements
Region: Central
Place Name: Wasilla
Highway: N/A



Project Description:
 Improve Lucas Road between Parks Highway and Spruce Avenue to an upgraded two lane facility with shoulders, turning lanes, pedestrian facilities, landscaping and drainage improvements, including improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: Community Transportation Program</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 7 Greater Wasilla</p> <p>Borough/Census Area: Matanuska - Susitna Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Safety</p>	<p>Sponsor: City of Wasilla</p> <p>PEB Score: 118.2</p> <p>Criteria: Urban and Rural</p> <p>Functional Class: MINOR COLLECTOR</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 11921

Title: Sterling Hwy Mile Point 23-43 Milepost 60-79 Skilak Lake Rd to Sterling Rehabilitation/Passing Lanes

Region: Central

Place Name: Soldotna

Highway: Sterling Highway

Project Description:

Resurfacing, minor widening and passing lanes as needed.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	-16,366,004	0	0	
Construction	NHPP	16,366,004	0	0	
Totals:		0	0	0	0

Program: National Highway System	Sponsor: ADOT/PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement	



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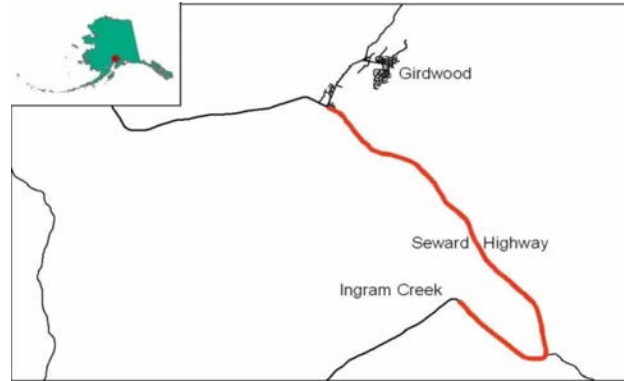
Need ID: 11925

Title: Seward Hwy Mile Point 74-90 (Milepost 75-90) Ingram Creek to Girdwood Rd and Bridge Rehabilitation

Region: Central

Place Name: Central Region

Highway: Seward Highway



Project Description:

The project includes rehabilitation of the highway including passing lanes, and parking accommodations from just north of Twenty Mile River to the Alyeska Highway and construction of three replacement bridges within this segment at Glacier Creek (bridge #639), Virgin Creek (bridge #638), and Petersen Creek (bridge #636). Project also includes rehabilitation of three miles of highway near the southern termini of the Project including construction of passing lanes and the rehabilitation of the Ingram Creek Bridge near the southern termini of the project. Final construction of middle segment will occur as project Need ID 30569.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	-30,000,000	-17,209,754	0	
Construction	NHPP	30,000,000	17,209,754	0	
Utilities	ACC	-1,158,218	0	0	
Utilities	NHPP	1,158,218	0	0	
Totals:		0	0	0	0

Program: National Highway System	Sponsor: ADOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 28 South Anchorage	Criteria: Urban and Rural
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 11959

Title: Glenn Highway Mile Point 33-41 (Milepost 34-42)

Reconstruction Parks to Old Glenn Hwy

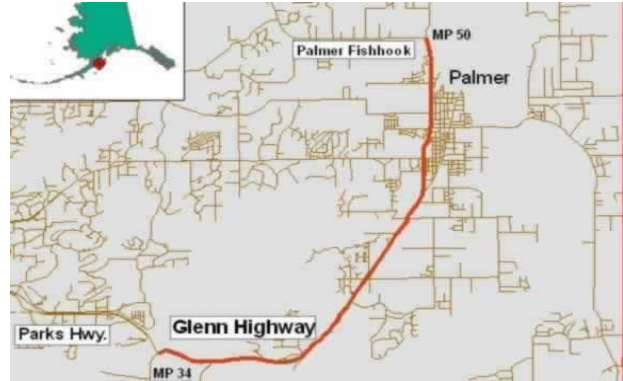
Region: Central

Place Name: Palmer

Highway: Glenn Highway

Project Description:

This project is the parent project for design and ROW acquisition to reconstruct the Glenn Highway from the Parks Highway to the Old Glenn Highway in Palmer. Project will be built in phases - South Inner Springer Loop to the Old Glenn Highway under this Need ID 11959 and Parks Highway to South Inner Springer Loop under Need ID 31330.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	-44,147,386	0	0	
Construction	NHPP	44,147,386	0	0	
Utilities	ACC	-14,642,752	0	0	
Utilities	NHPP	14,642,752	0	0	
Totals:		0	0	0	0

Program: National Highway System	Sponsor: DOT&PF and the City of Palmer
Primary Work: Reconstruction	PEB Score:
2013 Election District: 11 Greater Palmer	Criteria: Urban and Rural
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 12640

Title: Seward Highway Mile Point 98-105 (Milepost 99-105) Bird and Indian Improvements

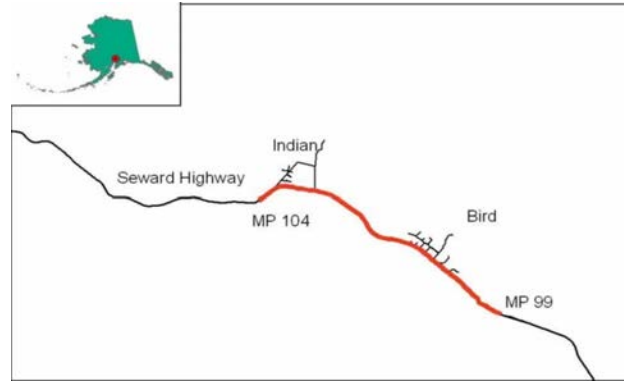
Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Design and construct Seward Highway improvements. Project includes passing lanes and bike/ped trail. Includes replacement of bridge over Indian Creek. Stage 2 of this project is NID 32338.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: New Construction</p> <p>2013 Election District: 28 South Anchorage</p> <p>Borough/Census Area: Anchorage, Municipality of</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Bridge, Pavement, Safety</p>	<p>Sponsor: DOT&PF</p> <p>PEB Score:</p> <p>Criteria: Urban and Rural</p> <p>Functional Class: INTERSTATE</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 12641

Title: Seward Highway Mile Point 104-115 (Milepost 105-115)
Passing Lanes Indian to Potter

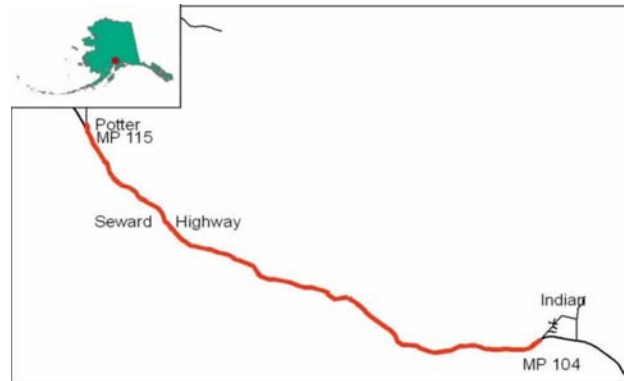
Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

The project includes improvements in the Windy Corner area of the Seward Highway to consisting of highway realignment, wildlife viewing turnouts, and railroad relocation as needed. Project would coordinate construction of auxiliary lanes and other safety improvements funded through HSIP.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	409,365	0	0	
Right of Way	SM	40,635	0	0	
Totals:		450,000	0	0	71,500,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 28 South Anchorage	Criteria: Urban and Rural
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 16030

Title: Dillingham Downtown Streets Reconstruction and Rehabilitation

Region: Central

Place Name: Dillingham

Highway: N/A



Project Description:

Realign, reconstruct, and rehabilitate approximately 0.61 miles of major collector that includes three streets forming a loop in the downtown area of Dillingham - Main Street from City Hall to the intersection with "D" Street; "D" Street north to 2nd Street back to City Hall.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	5,276,260	0	0	
Construction	ACC	0	-5,276,260	0	
Construction	SM	523,740	0	0	
Construction	STP	0	5,276,260	0	
Utilities	SM	27,180	0	0	
Utilities	STP	273,820	0	0	
Totals:		6,101,000	0	0	0

Program: Community Transportation Program	Sponsor: City of Dillingham
Primary Work: Reconstruction	PEB Score: 134.3
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: Remote and Trails
Borough/Census Area: Dillingham	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 18924

Title: Pavement and Bridge Rehabilitation

Region: Central

Place Name: Central Region

Highway: N/A



Project Description:

Crack sealing, surface treatment drainage, signage, guardrail, illumination, and other refurbishments to prolong the life of road pavement and bridges and their safety related structures. Project includes NHS Lane Delineators, Destination & Distance Signing, Pavement Markings and Signalization, Abandoned Vehicle Program, Road Surfacing and Transfer, Road Surface Treatments, and improve curb ramps to meet ADA standards (in coordination with Need ID 30397). The scope does not include landscaping or other elements inconsistent with a pavement preservation focus.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	NHPP	36,387,000	36,387,000	36,387,000	
Multi-Phase Activity	SM	5,418,000	5,237,400	5,418,000	
Multi-Phase Activity	STP	18,195,000	16,375,600	18,195,000	
Totals:		60,000,000	58,000,000	60,000,000	120,000,000

Program: Required programs and Preventive Maintenance	Sponsor: AKDOTPF
Primary Work: System Preservation	PEB Score:
2013 Election District: 92 Central Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 23197

Title: Homer Lake Street Rehabilitation

Region: Central

Place Name: Homer

Highway: N/A



Project Description:

Rehabilitate pavement of approximately 0.47 miles, construct a sidewalk on both sides of the road, improve the intersection at Pioneer to enhance safety, and provide drainage improvements. Lake Street is located in downtown Homer, between the Sterling Highway and Pioneer Avenue.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	SM	0	550,830	0	
Construction	STP	0	5,549,170	0	
Utilities	SM	0	40,815	0	
Utilities	STP	0	409,185	0	
Totals:		0	6,550,000	0	0

Program: Community Transportation Program	Sponsor: City of Homer
Primary Work: Reconstruction	PEB Score: 155
2013 Election District: 31 Homer/South Kenai	Criteria: Urban and Rural
Borough/Census Area: Kenai Peninsula Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): not identified	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 23207

Title: Kenai Beaver Loop Road Improvement and Pedestrian Pathway

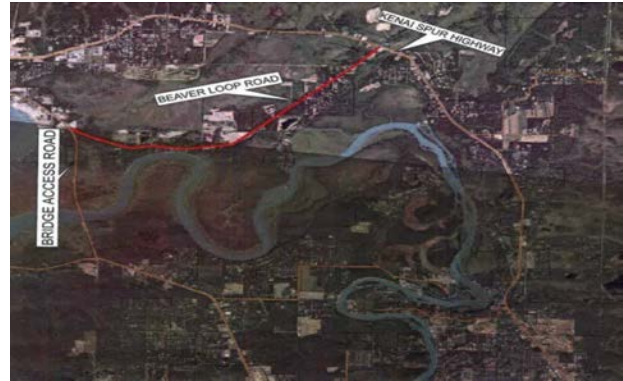
Region: Central

Place Name: Kenai

Highway: N/A

Project Description:

Resurface existing Beaver Loop Roadway, add paved shoulders and separated pedestrian pathway. Length is approx 3.75 miles. The City of Kenai will assume ownership and maintenance of this state owned facility upon project completion.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	ACC	-345,686	0	0	
Right of Way	STP	345,686	0	0	
Construction	AC	9,733,790	0	0	
Construction	ACC	0	0	-9,733,790	
Construction	SM	966,210	0	0	
Construction	STP	0	0	9,733,790	
Utilities	AC	909,700	0	0	
Utilities	ACC	0	-909,700	0	
Utilities	SM	90,300	0	0	
Utilities	STP	0	909,700	0	
Totals:		11,700,000	0	0	0

Program: Community Transportation Program	Sponsor: City of Kenai
Primary Work: Reconstruction	PEB Score:
2013 Election District: 30 Kenai/Soldotna	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 23335
Title: Bethel Ridgecrest Drive Rehabilitation
Region: Central
Place Name: Bethel
Highway: N/A



Project Description:
 Rehabilitate Ridgecrest Drive between Akakeek and Ptarmagin Streets. Raise and widen the road, improve drainage and provide middle lane turnouts to reduce congestion and provide marked and lighted pedestrian crossings at the school intersections. Project will be coordinated with and partially funded by the Highway Safety Improvement Program.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Community Transportation Program Primary Work: Reconstruction 2013 Election District: 38 Lower Kuskokwim Borough/Census Area: Bethel Municipal Planning Org. (MPO): non-MPO Performance Measures: Safety	Sponsor: City of Bethel PEB Score: Criteria: Functional Class: MAJOR COLLECTOR
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 24596

Title: Knik Goose Bay Road Reconstruction Centaur Avenue to Vine Road Stage 2

Region: Central

Place Name: Wasilla

Highway: N/A

Project Description:

Project consists of widening the Knik-Goose Bay Road to a divided 4 lane facility from Centaur Avenue (near the Parks Highway) to Vine Road, a distance of 6.44 miles. Scope includes separated bike/ped facilities, appropriate safety engineering strategies such as rumble strips and reducing/combining access points that are determined to be most effective at reducing crashes along the road. Project will be constructed in two stages. The first stage of construction will be funded under NID 32298 and this NID will fund the second and final construction segment.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	AC	7,732,450	0	0	
Right of Way	ACC	0	0	-7,732,450	
Right of Way	NHPP	0	0	16,829,450	
Right of Way	SM	767,550	0	767,550	
Totals:		8,500,000	0	9,864,550	37,500,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: New Construction	PEB Score: _____
2013 Election District: 7 Greater Wasilla	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26113

Title: Kalifornsky Beach Road Mile Point 16-23 (Milepost 16-22.2) Paving Rehabilitation and Signalization

Region: Central

Place Name: Soldotna

Highway: N/A

Project Description:

Repave approximately 6.2 miles of K-Beach Road from Sterling Hwy to Bridge Access Rd. Additional work will include signalization of Gaswell/K-Beach intersection and plumbing for a signal at Ciechanski/K-Beach intersection.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-2,197	0	0	
Design	STP	2,197	0	0	
Construction	ACC	-5,000,000	-4,762,016	0	
Construction	STP	5,000,000	4,762,016	0	
Totals:		0	0	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: System Preservation	PEB Score: 364
2013 Election District: 30 Kenai/Soldotna	Criteria: Urban and Rural
Borough/Census Area: Kenai Peninsula Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26124

Title: Gold Creek Bridge and Tatalina Bridge Replacement

Region: Central

Place Name: Takotna

Highway: N/A

Project Description:

Replace existing 1972 bridge over Gold Creek (bridge #0473) and raise the elevation of the approaches and replacement bridge to allow flood water and ice flow. Project also includes replacement of Tatalina Bridge (bridge #0462).



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	SM	0	0	334,110	
Construction	STP	0	0	3,365,890	
Utilities	SM	0	0	13,545	
Utilities	STP	0	0	136,455	
Totals:		0	0	3,850,000	0

Program: Community Transportation Program	Sponsor:
Primary Work: Bridge Replacement	PEB Score: 360
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: Remote and Trails
Borough/Census Area: Wade-Hampton	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 27470

Title: Anchorage Glenn Highway Muldoon Road Interchange
Reconstruction

Region: Central

Place Name: Anchorage

Highway: Glenn Highway

Project Description:

Reconstruct interchange at Muldoon and Glenn Highway.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 13 Fort Richardson/North Eagle River	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27473

Title: Kenai Spur Road Rehabilitation Stage 1

Region: Central

Place Name: Kenai

Highway: N/A



Project Description:

Rehabilitate 5.7 miles of the Kenai Spur Highway from mile-point 2.4 to mile-point 8.1 between Soldotna and Kenai to increase capacity and improve safety. Project will be constructed in two phases. This first phase, funded with GO bonds, will construct a 5-lane highway from Robin Street to Swires Road (MP 5.2 to 8.09). Federal funds will supplement the bonds to complete the improvements (see NID 30549).

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: System Preservation</p> <p>2013 Election District: 29 North Kenai</p> <p>Borough/Census Area: Kenai Peninsula Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Safety</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28089

Title: Glenn Highway Mile Point 59 - 85 (Milepost 66.5 to 92)

Rehabilitation

Region: Central

Place Name: Central Region

Highway: Glenn Highway



Project Description:

This project is the design effort for rehabilitation of the Glenn Highway from King River to Cascade. Actual construction work is being phased under separate projects identified elsewhere in the STIP as Need ID's 29930, 29931, and 30396.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	2,274,250	1,819,400	0	
Design	SM	225,750	180,600	0	
Totals:		2,500,000	2,000,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: Interstate
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 28330

Title: Drainage Improvements for the Anton Anderson Memorial (Whittier) Tunnel

Region: Central

Place Name: Whittier

Highway: N/A

Project Description:

This project will provide driving surface and drainage improvements and install traffic control devices.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	-5,458,200	0	0	
Construction	NHPP	5,458,200	0	0	
Totals:		0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 28 South Anchorage	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28469
Title: Community Refuge Trail Project
Region: Central
Place Name: Soldotna
Highway: N/A

Project Description:

Design two trailheads with parking facilities connecting a 1.7 mile long trail located along Ski Hill Road, within 200' ADOT&PF right of way.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Federal Lands Access Program Primary Work: New Construction 2013 Election District: 30 Kenai/Soldotna Borough/Census Area: Kenai Peninsula Borough Municipal Planning Org. (MPO): non-MPO	Sponsor: _____ PEB Score: _____ Criteria: _____ Functional Class: LOCAL
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28471
Title: Campbell Tract Facility Alternate Entrance Alignment
Region: Central
Place Name: Anchorage
Highway: N/A

Project Description:
 Relocate the CTF entrance road 260' to align with East 68th Avenue.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Federal Lands Access Program Primary Work: Reconstruction 2013 Election District: 25 Abbott Borough/Census Area: Anchorage, Municipality of Municipal Planning Org. (MPO): AMATS Performance Measures: N/A	Sponsor: _____ PEB Score: _____ Criteria: _____ Functional Class: MINOR ARTERIAL
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29115

Title: Sterling Highway Mile Point 20 - 21 (Milepost 57) Erosion Protection

Region: Central

Place Name: Central Region

Highway: Sterling Highway

Project Description:

Install erosion protection and, as necessary, realign the Sterling Highway near historical milepost (MP) 57, to prevent highway embankment damage due to the recent shifting of the Kenai River.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	22,742	0	0	
Right of Way	SM	2,258	0	0	
Construction	NHPP	0	7,274,400	0	
Construction	SM	0	725,600	0	
Utilities	NHPP	0	22,732	0	
Utilities	SM	0	2,268	0	
Totals:		25,000	8,025,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29116

Title: Parks Highway Mile Point 54-64 (Milepost 90 to 99)

Rehabilitation

Region: Central

Place Name: Central Region

Highway: Parks Highway

Project Description:

Resurface approximately 9 miles of the Parks Highway. Project may include base stabilization and shoulder widening as appropriate. Project is coordinated with Highway Safety Improvement Program project Need ID 19217 Parks Highway: Systemic Passing Lanes Project.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: National Highway System Primary Work: System Preservation 2013 Election District: 10 Rural MatSu Borough/Census Area: Matanuska - Susitna Borough Municipal Planning Org. (MPO): non-MPO Performance Measures: Pavement	Sponsor: _____ PEB Score: _____ Criteria: _____ Functional Class: INTERSTATE
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29730

Title: Seward Highway Dowling Road Interchange Rehabilitation

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Project will improve the Dowling Road roundabouts, the associated highway ramps, and make other improvements as needed to enhance safety and increase traffic flow.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	14,000,000

Program: National Highway System Primary Work: Reconstruction 2013 Election District: 23 Taku Borough/Census Area: Anchorage, Municipality of Municipal Planning Org. (MPO): non-MPO Performance Measures: Safety, Travel Time	Sponsor: _____ PEB Score: _____ Criteria: _____ Functional Class: INTERSTATE
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29731

Title: Seward Highway O'Malley Road to Dimond Boulevard
Reconstruction

Region: Central

Place Name: Anchorage

Highway: Seward Highway



Project Description:

This project funds the design and ROW purchase for the final segments of this project reconstructing the Seward Highway from Dimond Boulevard to O'Malley Road and includes an underpass to connect 92nd Avenue (west of the Seward Highway) with Academy Drive (east of the Seward Highway), and construction is funded under Need ID 30691.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-3,035,500	909,700	0	
Design	NHPP	3,035,500	90,300	0	
Right of Way	NHPP	8,194,000	0	0	
Right of Way	SFF	10,000,000	0	0	
Right of Way	SM	1,806,000	0	0	
Totals:		20,000,000	1,000,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 26 Huffman	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29736

Title: Parks Highway Mile Point 13-18 (MP 48.8 to MP 52.3)

Pittman Road to Big Lake Road Reconstruction

Region: Central

Place Name: Central Region

Highway: Parks Highway

Project Description:

Widen Parks Highway to four lanes with attendant traffic and safety improvements between Pittman Road and Big Lake Cutoff. Project is coordinated with HSIP safety improvements.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	3,456,860	0	0	
Right of Way	SM	343,140	0	0	
Construction	AC	0	23,199,883	0	
Construction	ACC	0	0	-23,199,883	
Construction	EMRK	0	4,326,928	0	
Construction	NHPP	0	10,000,000	23,199,883	
Construction	SM	0	3,743,189	0	
Utilities	NHPP	0	7,277,600	0	
Utilities	SM	0	722,400	0	
Totals:		3,800,000	49,270,000	0	0

Program: National Highway System	Sponsor:
Primary Work: New Construction	PEB Score:
2013 Election District: 8 Big Lake/Point Mackenzie	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29737

Title: Parks Highway Bridge Replacement Montana Creek, Sheep Creek, and Goose Creek Bridges

Region: Central

Place Name: Willow

Highway: Parks Highway



Project Description:

Replace Bridge 215 at Montana Creek, Bridge 213 at Sheep Creek, and the culverts that compose bridge 4040 at Goose Creek on the Parks Highway. The new bridges will have top widths to match the existing roadway width at the time of construction. Pedestrian facilities will be included if new bridge construction conflicts with existing pedestrian bridges.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	NHPP	0	0	16,749,941	
Construction	SFF	0	0	12,347,659	
Construction	SM	0	0	2,902,400	
Utilities	NHPP	0	0	100,023	
Utilities	SM	0	0	9,977	
Totals:		0	0	32,110,000	0

Program: National Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 10 Rural MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29911

Title: Vine Road Improvements Knik-Goosebay Road to Hollywood Blvd.

Region: Central

Place Name: Central Region

Highway: N/A

Project Description:

Project will rehabilitate the existing two-lane rural road from the Hollywood Boulevard to Knik-Goose Bay Road. The road will be designed to accommodate ongoing traffic growth. Scope includes repairing roadbed, drainage improvements, repaving, pedestrian accommodations and possible HSIP safety improvements.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	0	27,090	0	
Design	STP	0	272,910	0	
Right of Way	SM	0	0	90,300	
Right of Way	STP	0	0	909,700	
Totals:		0	300,000	1,000,000	8,500,000

Program: Alaska Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 8 Big Lake/Point Mackenzie	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29913

Title: Sterling Safety Corridor Improvements Mile Point 45 - 58
(Milepost 82.5 to 94)

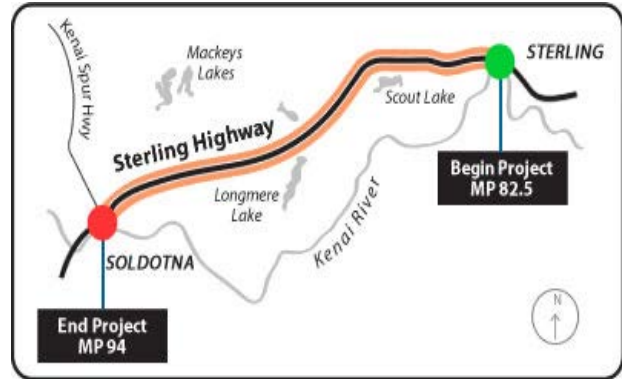
Region: Central

Place Name: Soldotna

Highway: Sterling Highway

Project Description:

Projects consists of expanding the highway from Soldotna to Sterling as a 4 lane highway. Also included are a pathway and HSIP funded safety improvements such as continuous illumination, medians, and center turn lanes.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	0	0	363,720	
Right of Way	SM	0	0	36,280	
Totals:		0	0	400,000	76,500,000

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29914

Title: Parks Highway Mile Point 63-128 (Milepost 99 to 163)

Drainage and Culvert Improvements

Region: Central

Place Name: Central Region

Highway: Parks Highway

Project Description:

Project will construct improvements to drainage including culvert repair, replacement, and new installations, as necessary to provide for adequate drainage.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	909,300	0	0	
Design	SM	90,700	0	0	
Totals:		1,000,000	0	0	10,000,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 10 Rural MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29930

Title: Glenn Highway Rehabilitation Long Lake Section: Mile Point 76-85 (Milepost 84.5 to 92)

Region: Central

Place Name: Chickaloon

Highway: Glenn Highway

Project Description:

Improve alignment and mitigate rockfall. Project design efforts under parent project Need ID 28089.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	89,600,000

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 9 Richardson Highway/East MatSu</p> <p>Borough/Census Area: Matanuska - Susitna Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Safety</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: INTERSTATE</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29931

Title: Glenn Highway Rehabilitation Mile Point 70-77 (Milepost 79-84.5)

Region: Central

Place Name: Central Region

Highway: Glenn Highway

Project Description:

Improve alignment and mitigate rockfall. Project design efforts under parent project Need ID 28089



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	0	0	1,455,520	
Right of Way	SM	0	0	144,480	
Totals:		0	0	1,600,000	20,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30389

Title: Central Region ITS Repair and Upgrade Project

Region: Central

Place Name: Various

Highway: N/A



Project Description:

Purchase, install, repair, replace, redeploy, operate, and maintain, as allowed by ITS regulations, traffic signal, traveler information, traffic incident management, and illumination, and other Intelligent Transportation Systems (ITS) equipment and activities, improving operations such as remote operation of traffic signals, provide traveler information via changeable message signs and 511, and energy/cost saving in roadway illumination.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	NHPP	682,275	682,275	682,275	
Multi-Phase Activity	SM	67,725	67,725	67,725	
Totals:		750,000	750,000	750,000	750,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 92 Central Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30390

Title: Central Region Adaptive Signal Control

Region: Central

Place Name: Various

Highway: N/A

Project Description:

Purchase, install, integrate, operate, and maintain equipment, as allowed by ITS regulations to change signal timing for progression depending on traffic demand and provide enhanced response to emergency services.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: Community Transportation Program</p> <p>Primary Work: ITS</p> <p>2013 Election District: 92 Central Region</p> <p>Borough/Census Area: Various Boroughs</p> <p>Municipal Planning Org. (MPO): not identified</p> <p>Performance Measures: Freight Travel Time, Safety, Travel Time</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: N/A</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30395

Title: Central Region Drainage Improvements and Erosion Prevention, Protection and Repair

Region: Central

Place Name: Various

Highway: N/A



Project Description:

Projects involves an evaluation of drainage infrastructure as well as erosion threats to the state transportation system. Infrastructure including , culverts, drainage basins, storm drain systems, ditches, swales, bridge embankments and abutments, side slopes, erosion protection features such as dikes and rip rap and other appurtenant drainage and erosion protection infrastructure will be repaired, replaced or improved as necessary to protect the state's transportation infrastructure.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	NHPP	354,850	2,629,100	354,850	
Multi-Phase Activity	SM	45,150	270,900	45,150	
Multi-Phase Activity	STP	100,000	100,000	100,000	
Totals:		500,000	3,000,000	500,000	3,500,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 70 MatSu Areawide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30397

Title: Central Region ADA Compliance Project

Region: Central

Place Name: Various

Highway: N/A



Project Description:

This project will provide ADA improvements along State owned and operated routes in the Central Region. Initial phase includes auditing State roads to determine ADA compliance and identify those issues that can be quickly resolved. Prioritization and construction of needed ADA improvements will be identified per audit.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	SM	221,235	27,090	4,515	
Multi-Phase Activity	STP	2,228,765	272,910	45,485	
Totals:		2,450,000	300,000	50,000	2,450,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 92 Central Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30400

Title: Crow Creek Road Mile Point 4-5 (Milepost 4.3 - 4.95)

Region: Central

Place Name: Girdwood

Highway: N/A

Project Description:

Both road and bridge improvements to address identified deficiencies and arrest further degradation of the facilities. Road improvements will include stabilizing with highly frost susceptible material, reshaping and regrade, drainage. Bridge improvements will consist of replacing timber planks at abutments, reinforce concrete footings, rip rap armoring, replacement/repair of approach rails, bridge signage, and clearing of brush to restore safe sight distance.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Federal Lands Access Program	Sponsor: _____
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 28 South Anchorage	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: LOCAL
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30549

Title: Kenai Spur Road Rehabilitation Stage 2

Region: Central

Place Name: Soldotna

Highway: N/A



Project Description:

Rehabilitate 5.7 miles of the Kenai Spur Highway between Soldotna and Kenai to increase capacity and improve safety. Project will be constructed in two phases. This second phase will construct a 5-lane highway to increase capacity and improve safety from Sports Lake Road to Robin Street. Federal funds will supplement GO Bonds to complete the improvement (see NID 27473).

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	BOND	0	480,391	0	
Construction	NHPP	0	22,669,368	0	
Construction	SM	0	2,250,241	0	
Utilities	AC	0	4,546,500	0	
Utilities	SM	0	453,500	0	
Totals:		0	30,400,000	0	4,546,500

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 30 Kenai/Soldotna	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30569

Title: Seward Highway Mile Point 76 - 81 (Milepost 77 to 81)

Placer River to Twenty Mile River

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

The project consists of final work to rehabilitate the Seward Highway including minor realignment and replacement of the following bridges: Placer River Overflow 0627, Placer River Main Cross 0629, Portage Creek 0630 & 0631, 20 Mile River 0634. (Parent Design project: NID 11925)



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	53,000,000	0	
Construction	NHPP	0	21,504,430	0	
Construction	SM	0	7,395,570	0	
Utilities	NHPP	0	909,300	0	
Utilities	SM	0	90,700	0	
Totals:		0	82,900,000	0	53,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 28 South Anchorage	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30570

Title: Paving Wood River Bridge Approach Roads

Region: Central

Place Name: Aleknagik

Highway: N/A

Project Description:

Project consists of paving the newly built road between Aleknagik (North Shore) with the Dillingham-Aleknagik Road. (Parent design project NID 2186)



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	-2,447,902	0	0	
Construction	STP	2,447,902	0	0	
Totals:		0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: _____
Borough/Census Area: Dillingham	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30691

Title: Seward Highway O'Malley Road to Dimond Boulevard
Reconstruction Phase II

Region: Central

Place Name: Anchorage

Highway: Seward Highway



Project Description:

This is the second phase of the Seward Highway project, and will reconstructs the Seward Highway from Dimond Boulevard to O'Malley Road. Project includes an underpass to connect 92nd Avenue (west of the Seward Highway) with Academy Drive (east of the Seward Highway). The design is under Need ID 29731.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	113,800,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 26 Huffman	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): AMATS	
Performance Measures: Freight Travel Time, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31129

Title: Central Region Maintenance Decision Support System Development

Region: Central

Place Name: Various

Highway: N/A



Project Description:

This is a continuation of the Statewide study of practical alternatives for a Maintenance Decision Support System (MDSS). Purchase, install, and support installation and operation of weather sensing equipment on Central Region trucks. Develop a process to provide MDSS road condition information to the public through automated means. The intent is to develop a practical, workable, reliable MDSS for the Alaska Highway system and provided automated real-time road condition reports to Alaska travelers.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	ACC	-169,851	0	0	
Other / Miscellaneous	NHPP	169,851	0	0	
Totals:		0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Other	PEB Score: _____
2013 Election District: 92 Central Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31270

Title: Parks Highway: Houston to Willow Rehabilitation

Region: Central

Place Name: Central Region

Highway: Parks Highway

Project Description:

Project consist of rehabilitation of the highway including any needed safety and capacity improvements to the Parks Highway between Houston and Willow.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	0	1,091,160	0	
Design	SM	0	108,840	0	
Totals:		0	1,200,000	0	13,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 10 Rural MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): not identified	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31274

Title: Glenn Highway: Airport Heights to Parks Highway
Rehabilitation

Region: Central

Place Name: Anchorage

Highway: Glenn Highway

Project Description:

Project consists of rehabilitating the Glenn Highway between Airport Heights and the Parks Highway to be coordinated with HSIP safety improvements.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	909,300	0	0	
Design	SM	90,700	0	0	
Totals:		1,000,000	0	0	40,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 13 Fort Richardson/North Eagle River	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): AMATS	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31275

Title: Mat-Su Intra-Regional Corridor Study

Region: Central

Place Name: Central Region

Highway: Parks Highway

Project Description:

Project will examine options for improving east-west intra-regional connectivity in the Mat-Su urbanizing area in order to provide competitive alternatives (i.e. Palmer-Wasilla Highway, Bogard-Seldon Roads) to the high-speed, controlled access Parks and Glenn Highways.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	363,880	0	0	
Other / Miscellaneous	SM	36,120	0	0	
Totals:		400,000	0	0	2,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 11 Greater Palmer	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): AMATS	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31276

Title: Old Sterling Highway: Anchor River Bridge Replacement

Region: Central

Place Name: Anchor Point

Highway: N/A

Project Description:

Project consists of design effort to replace the Anchor River Bridge on the Old Sterling Highway.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	BOND	0	8,000,000	0	
Construction	SM	0	361,200	0	
Construction	STP	0	3,638,800	0	
Utilities	SM	0	903	0	
Utilities	STP	0	9,097	0	
Totals:		0	12,010,000	0	0

<p>Program: National Highway System</p> <p>Primary Work: Bridge Replacement</p> <p>2013 Election District: 31 Homer/South Kenai</p> <p>Borough/Census Area: Kenai Peninsula Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Bridge</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: MINOR COLLECTOR</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31329

Title: Glenn Highway: South Inner Springer Loop (Cienna Avenue) to Old Glenn Highway

Region: Central

Place Name: Palmer

Highway: Glenn Highway

Project Description:

Reconstruct to four lanes, pathway and shoulders. Accommodate turning movements, add frontage roads, traffic, safety, and intersection improvements, as necessary and feasible. This project is the first segment of the Parent Design project Need ID 11959 the Glenn Highway: Parks Highway to Old Glenn Highway and is also associated with Need ID 31330.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 11 Greater Palmer	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31330

Title: Glenn Highway: Parks Highway to South Inner Springer Loop (Cienna Avenue)

Region: Central

Place Name: Palmer

Highway: Glenn Highway



Project Description:

Reconstruct to four lanes, pathway and shoulders. Accommodate turning movements, add frontage roads, traffic, safety, and intersection improvements, as necessary and feasible. This project is the second segment of the Parent Design project Need ID 11959 the Glenn Highway: Parks Highway to Old Glenn Highway and is also associated with Need ID 31329.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	0	34,553,400	
Construction	SM	0	0	3,446,600	
Utilities	AC	0	0	9,093,000	
Utilities	SM	0	0	907,000	
Totals:		0	0	48,000,000	43,646,400

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 11 Greater Palmer	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31489

Title: Tundra Ridge Road Realignment

Region: Central

Place Name: Bethel

Highway: N/A

Project Description:

Construct Tundra Ridge Road on new alignment that provides a public road connection.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	49,665	36,120	0	
Design	STP	500,335	363,880	0	
Right of Way	SM	0	0	9,030	
Right of Way	STP	0	0	90,970	
Totals:		550,000	400,000	100,000	8,300,000

<p>Program: Alaska Highway System</p> <p>Primary Work: New Construction</p> <p>2013 Election District: 38 Lower Kuskokwim</p> <p>Borough/Census Area: Bethel</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Travel Time</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: MINOR COLLECTOR</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31493

Title: Kings River Bridge Replacement

Region: Central

Place Name: Central Region

Highway: Glenn Highway

Project Description:

Replace Kings River Bridge on Glenn Highway.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	454,850	0	454,850	
Design	SM	45,150	0	45,150	
Right of Way	NHPP	0	0	454,850	
Right of Way	SM	0	0	45,150	
Totals:		500,000	0	1,000,000	10,750,000

Program: National Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31496

Title: Anton Anderson Memorial (Whittier) Tunnel

Region: Central

Place Name: Whittier

Highway: N/A

Project Description:

Project consists of improvement to the driving surface and rail bed as well as replacement of toll facility and other equipment



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	454,850	0	0	
Design	SM	45,150	0	0	
Construction	NHPP	0	0	4,548,500	
Construction	SM	0	0	451,500	
Totals:		500,000	0	5,000,000	0

<p>Program: National Highway System</p> <p>Primary Work: System Preservation</p> <p>2013 Election District: 28 South Anchorage</p> <p>Borough/Census Area: Valdez-Cordova</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Pavement</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: MINOR ARTERIAL</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31847

Title: Bethel Chief Eddie Hoffman Highway Reconstruction

Region: Central

Place Name: Bethel

Highway: N/A

Project Description:

Project will reconstruct Chief Eddie Hoffman Highway from Airport to Watsons Corner. Project will likely include widening sections of the highway to provide additional through travel lanes, horizontal or vertical re-alignment, and intersection improvements.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	0	225,750	0	
Design	STP	0	2,274,250	0	
Totals:		0	2,500,000	0	25,000,000

Program: Alaska Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: _____
Borough/Census Area: Bethel	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31898

Title: Nelson Island Accessibility & Transportation Infrastructure
Viability Enhancement (NATIVE)

Region: Central

Place Name: Nelson Island

Highway: N/A

Project Description:

This TIGER grant will construct approximately 21 miles of multimodal trails comprised of above ground, synthetic Geocell mats with an open configuration to protect native vegetation, including necessary fish culverts and bridges, connecting Toksook Bay to Nightmute and Unkumiut.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	100,000	0	0	
Multi-Phase Activity	TIGER	10,176,835	0	0	
Totals:		10,276,835	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: Nunakauyarmiut Tribe
Primary Work: New Construction	PEB Score:
2013 Election District: 38 Lower Kuskokwim	Criteria:
Borough/Census Area: Bethel	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32298

Title: Knik Goose Bay Road Reconstruction Centaur Avenue to Vine Road Stage 1

Region: Central

Place Name: Wasilla

Highway: N/A



Project Description:

Project consists of widening the Knik-Goose Bay Road to a divided 4 lane facility from Centaur Avenue (near the Parks Highway) to Vine Road, a distance of 6.44 miles. Scope includes separated bike/ped facilities, appropriate safety engineering strategies such as rumble strips and reducing/combining access points that are determined to be most effective at reducing crashes along the road. Project will be constructed in two phases. The first stage of construction will be funded under this Need ID and the final stage under Need ID 24596.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	AC	10,916,400	0	0	
Right of Way	ACC	0	0	-10,916,400	
Right of Way	NHPP	0	0	10,916,400	
Right of Way	SM	1,083,600	0	0	
Construction	AC	0	0	31,839,500	
Construction	SM	0	0	3,160,500	
Utilities	NHPP	0	0	13,645,500	
Utilities	SM	0	0	1,354,500	
Totals:		12,000,000	0	50,000,000	31,839,500

Program: National Highway System	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 70 MatSu Areawide	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 32299
Title: Takotna River Bridge Replacment
Region: Central
Place Name: Takotna
Highway: N/A



Project Description:
 Replace existing 80 year old bridge over the Takotna River (bridge #0464), that is severely weight restricted.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	SFF	0	0	6,367,900	
Construction	SM	0	0	632,100	
Utilities	SFF	0	0	272,910	
Utilities	SM	0	0	27,090	
Totals:		0	0	7,300,000	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 38 Lower Kuskokwim	Criteria: _____
Borough/Census Area: Yukon-Koyukuk	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32300

Title: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 1

Region: Central

Place Name: Kenai

Highway: Sterling Highway

Project Description:

This is the initial construction phase of the parent project, Need ID 2673. This initial construction project consists of possible environmental mitigation efforts or work on the existing Sterling Highway alignment.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	NHPP	0	15,282,960	0	
Construction	SM	0	1,517,040	0	
Utilities	AC	0	909,700	0	
Utilities	ACC	0	0	-909,700	
Utilities	NHPP	0	0	909,700	
Utilities	SM	0	90,300	0	
Totals:		0	17,800,000	0	0

Program:	National Highway System	Sponsor:	
Primary Work:	New Construction	PEB Score:	
2013 Election District:	29 North Kenai	Criteria:	
Borough/Census Area:	Kenai Peninsula Borough	Functional Class:	
Municipal Planning Org. (MPO):	not identified		
Performance Measures:	N/A		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32319

Title: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 2

Region: Central

Place Name: Kenai

Highway: Sterling Highway

Project Description:

This is the second construction phase of the parent project, Need ID 2673 to construct new two-lane highway with 12-foot driving lanes, paved shoulders and passing and climbing lanes where necessary. This project is also associated with Need ID 32300.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	0	52,944,540	
Construction	SM	0	0	5,255,460	
Utilities	AC	0	0	909,700	
Utilities	SM	0	0	90,300	
Totals:		0	0	59,200,000	53,854,240

Program:	National Highway System	Sponsor:	
Primary Work:	New Construction	PEB Score:	
2013 Election District:	29 North Kenai	Criteria:	
Borough/Census Area:	Kenai Peninsula Borough	Functional Class:	
Municipal Planning Org. (MPO):	not identified		
Performance Measures:	N/A		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32338

Title: Seward Highway Mile Point 98-105 (Milepost 99-105) Bird and Indian Improvements Stage 2

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Design and construct Seward Highway improvements. Project includes passing lanes and bike/ped trail. Includes replacement of bridge over Indian Creek. This Need ID was created as the previous Need ID 12640 was used to construct the first segment of this project.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	10,000,000	0	0	
Construction	ACC	0	0	-10,000,000	
Construction	NHPP	13,834,140	0	10,000,000	
Construction	OSF	10,000,000	0	0	
Construction	SM	2,365,860	0	0	
Utilities	NHPP	909,700	0	0	
Utilities	SM	90,300	0	0	
Totals:		37,200,000	0	0	0

Program: National Highway System	Sponsor:
Primary Work: New Construction	PEB Score:
2013 Election District: 28 South Anchorage	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class:
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	





Headquarters & Statewide Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the STIP Manager: Phone: (907) 465-2744 Email: maren.brantner@alaska.gov

2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 6446

Title: Annual Planning Work Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

State Transportation Improvement Program (STIP), State Transportation Plan, data collection and analysis, and management systems are Federally required elements of this program.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Planning & Research	PLNG	6,778,023	6,778,023	6,778,023	
Planning & Research	SM	1,401,500	1,401,500	1,401,500	
Planning & Research	STP	18,000	18,000	18,000	
Planning & Research	URPL	175,000	175,000	175,000	
Totals:		8,372,523	8,372,523	8,372,523	16,745,046

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 6447

Title: Bridge and Tunnel Inventory, Inspection, Monitoring, Preservation, Rehab and Replacement Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Inspection of all bridges and tunnels on public roads on a two-year cycle. The magnitude of structural deficiencies found during the inspection causes the subject bridge or tunnel to be eligible for preservation, rehabilitation or replacement with federal highway bridge program funding. Project also includes inspection of DOT-owned miscellaneous or ancillary structures on or adjacent to public roads, such as high tower structures, bridges less than 20' long and culverts with diameters greater than 10'.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	ACC	-315,666	0	0	
Multi-Phase Activity	NHPP	3,729,770	3,729,770	3,729,770	
Multi-Phase Activity	SM	740,460	740,460	740,460	
Multi-Phase Activity	STP	3,729,770	3,729,770	3,729,770	
Totals:		7,884,334	8,200,000	8,200,000	16,400,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 6448

Title: Urban Planning Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Local government transportation planning and special studies including AMATS and FMATS. AMATS and FMATS Long Range Transportation Plans and preparation of Transportation Improvement Programs are federally required elements of this program.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Planning & Research	3PF	187,806	187,809	187,806	
Planning & Research	URPL	1,892,000	1,892,000	1,892,000	
Totals:		2,079,806	2,079,809	2,079,806	4,159,612

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 6449

Title: Statewide: Highway Safety Improvement Program Safety Management

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

HSIP Management, studies, responses, and policy making on safety-related issues.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SA	477,000	477,000	477,000	
Other / Miscellaneous	SM	53,000	53,000	53,000	
Totals:		530,000	530,000	530,000	1,060,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 6450

Title: USGS Flood Frequency and Analysis

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Cooperative effort with the US Geological Survey (approximately 50% cost share) to collect data on water levels. This data supports design of bridges and culverts primarily, but can also be used in design of road reconstruction and stormwater issues.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	309,298	309,298	309,298	
Other / Miscellaneous	SM	61,404	61,404	61,404	
Other / Miscellaneous	STP	309,298	309,298	309,298	
Totals:		680,000	680,000	680,000	1,360,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 6451

Title: Statewide Research Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

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



Phase	Fund	FFY19	FFY20	FFY21	After2021
Planning & Research	ACC	-200,000	0	0	
Planning & Research	RES	2,201,474	2,201,474	2,201,474	
Planning & Research	SM	218,526	218,526	218,526	
Totals:		2,220,000	2,420,000	2,420,000	4,840,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Research	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 6452

Title: National Highway Institute Training

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Technical training in engineering, planning, and administration related to federal highway program and funding.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	31,605	31,605	31,605	
Other / Miscellaneous	STP	318,395	318,395	318,395	
Totals:		350,000	350,000	350,000	700,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Training	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 6454

Title: Bridge Management System

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Development and continued maintenance of a management system for addressing bridge deficiencies on public roads which includes periodic updates to various bridge management reports.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	341,138	227,425	227,425	
Other / Miscellaneous	SM	67,725	45,150	45,150	
Other / Miscellaneous	STP	341,137	227,425	227,425	
Totals:		750,000	500,000	500,000	1,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 6455

Title: Small Hydrologic Investigations

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Ad hoc response studies in various locations in cooperation with the US Geological Survey (approximately 50% cost share) and others (e.g., UAF, UAA, UAS & DNR-DGGS) to analyze hydrologic flood conditions. Also, the use of airborne survey technologies to track river ice accumulations during winter months.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	90,972	90,972	90,972	
Other / Miscellaneous	SM	9,028	9,028	9,028	
Totals:		100,000	100,000	100,000	200,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 6457

Title: Seismic Bridge Retrofit Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Structural evaluation, examination and enhancements to bridges that are determined to be insufficient in earthquake zones.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	NHPP	818,730	818,730	818,730	
Multi-Phase Activity	SM	162,540	162,540	162,540	
Multi-Phase Activity	STP	818,730	818,730	818,730	
Totals:		1,800,000	1,800,000	1,800,000	3,600,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Bridge Rehabilitation	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 6458
Title: Civil Rights Program
Region: Headquarters
Place Name: Statewide
Highway:



Project Description:
 On the job training to provide training opportunities on construction jobs. Also, provides on-site construction review to assure compliance with Civil Rights laws.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	DBE	170,000	170,000	170,000	
Other / Miscellaneous	OJT	55,000	55,000	55,000	
Other / Miscellaneous	STP	175,000	175,000	175,000	
Totals:		400,000	400,000	400,000	800,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Training	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 12259

Title: Recreational Trails Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

This program provides funding for various small recreational trail projects statewide. The program is administered by ADNR.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	132,283	132,283	132,283	
Multi-Phase Activity	RTP	1,332,654	1,332,654	1,332,654	
Totals:		1,464,937	1,464,937	1,464,937	2,929,874

Program:	Required programs and Preventive Maintenance	Sponsor:	DEPT. NATURAL RESOURCES
Primary Work:	Transportation Enhancements	PEB Score:	
2013 Election District:	99 Statewide	Criteria:	
Borough/Census Area:	Various Boroughs	Functional Class:	N/A
Municipal Planning Org. (MPO):	non-MPO		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 12579

Title: Bridge Scour Monitoring and Retrofit Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Description: Install monitoring and telemetry, perform activities required to meet the National Bridge Inspection Standards (NBIS) for scour, implement the DOT&PF Plan of Action (POA) for scour-critical bridges, coordinate with local agencies on NBIS compliance, and design and construct physical scour countermeasures at State bridges identified as scour critical National Bridge Inspection Standards



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	NHPP	432,108	432,108	432,108	
Multi-Phase Activity	SM	85,784	85,784	85,784	
Multi-Phase Activity	STP	432,108	432,108	432,108	
Totals:		950,000	950,000	950,000	1,900,000

Program: Required programs and Preventive Maintenance	Sponsor: ADOT&PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 12979
Title: Highway Fuel Tax Evasion
Region: Headquarters
Place Name: Statewide
Highway:

Project Description:
 Continuing program to enforce the collection of motor fuel taxes in compliance with federal law.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	STP	100,000	100,000	100,000	
Totals:		100,000	100,000	100,000	200,000

Program: Required programs and Preventive Maintenance	Sponsor: DEPT. REVENUE
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 13239

Title: Culvert Repair or Replace Project

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Repair or replacement of culverts that are barriers to safe fish passage. This annual project will identify culverts that are partial or full barriers to fish passage and take the appropriate corrective action.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	SM	45,150	45,150	45,150	
Multi-Phase Activity	STP	454,850	454,850	454,850	
Totals:		500,000	500,000	500,000	500,000

Program: Required programs and Preventive Maintenance	Sponsor: ADOT/PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 18330

Title: Strategic Highway Safety Plan

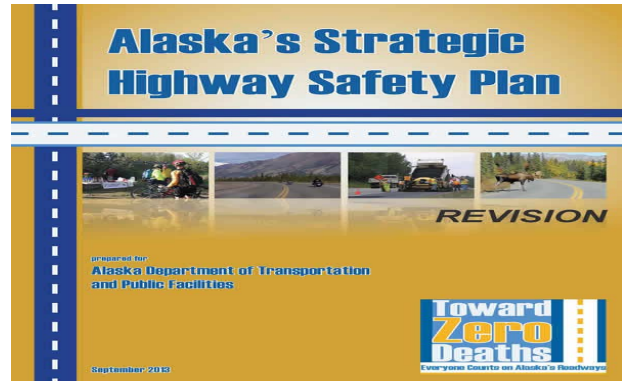
Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

This project supports the Strategic Highway Safety Plan (SHSP). The goal of the plan is to reduce fatalities and major injuries by one third over the next 10 years. Scope of work includes: revisions as needed to comply with FAST Act requirements and other department priorities; membership and leadership meetings to assess strategies and actions; evaluation methods to track performance; and, collaboration with Highway Safety Improvement Plan (HSIP) and the Alaska Highway Safety Office (AHSO) staff to align projects with goals of SHSP.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	S148	100,000	100,000	100,000	
Totals:		100,000	100,000	100,000	200,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Safety	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 18791

Title: Statewide Congestion and Mitigation Air Quality

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

The Department will work with DEC and appropriate local authorities to develop sub-allocations. Provide CMAQ funds to address non-attainment and maintenance measures in the Air Quality Statewide Improvement Program.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	CMAQ-F	482,100	482,100	482,100	
Other / Miscellaneous	CMAQ-M	2,729,100	2,729,100	2,729,100	
Other / Miscellaneous	SM	318,800	318,800	318,800	
Totals:		3,530,000	3,530,000	3,530,000	7,060,000

Program:	Required programs and Preventive Maintenance	Sponsor:	AK Dept. of Environmental Conservation
Primary Work:	Congestion	PEB Score:	999
2013 Election District:	99 Statewide	Criteria:	Remote and Trails
Borough/Census Area:	Various Boroughs	Functional Class:	N/A
Municipal Planning Org. (MPO):	non-MPO		
Performance Measures:	CMAQ		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 19119

Title: Enhanced Mobility for Seniors and Individuals With Disabilities

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

FTA Section 5310 monies to be used for the purchase of rides and vehicles for eligible clients and agencies throughout rural and small urban Alaska.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	3PF	100,128	100,128	100,128	
Other / Miscellaneous	5310	248,993	248,993	248,993	
Other / Miscellaneous	STP	318,400	318,400	318,400	
Totals:		667,521	667,521	667,521	1,335,042

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: Transit	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 19120

Title: Rural Transit and Rural Transit Assistance Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

FTA Sections 5311, 5311(b)(3), and 5340 Monies available for administrative, operating, capital and training expenses for eligible rural public transit systems. Projects are determined through a competitive grant application process.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	3PF	4,053,798	4,053,798	4,053,798	
Other / Miscellaneous	5311	9,427,438	9,427,438	9,427,438	
Totals:		13,481,236	13,481,236	13,481,236	26,962,472

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: Transit	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 19217

Title: Highway Safety Improvement Program (HSIP)

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Evaluation, design, and construction of projects to address safety concerns statewide.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	AC	45,000,000	0	0	
Multi-Phase Activity	ACC	0	-15,000,000	-15,000,000	
Multi-Phase Activity	RHE	1,200,000	1,230,000	1,230,000	
Multi-Phase Activity	S148	22,910,000	23,390,000	23,390,000	
Multi-Phase Activity	SA	30,800,000	31,460,000	31,460,000	
Multi-Phase Activity	SM	8,026,857	3,640,000	3,640,000	
Totals:		107,936,857	44,720,000	44,720,000	134,440,000

Program: Required programs and Preventive Maintenance	Sponsor: ADOT/PF
Primary Work: Safety	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 19634
Title: Track Rehabilitation
Region: Headquarters
Place Name: Statewide
Highway:



Project Description:
 Alaska Railroad track rehabilitation outside the AMATS and FMATS areas including shoulder widening and siding program.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	2,400,000	1,000,000	1,400,000	
Multi-Phase Activity	5307RR	5,400,000	2,800,000	1,000,000	
Multi-Phase Activity	5337GR	4,100,000	1,200,000	4,450,000	
Totals:		11,900,000	5,000,000	6,850,000	7,900,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 19635
Title: Bridge Rehabilitation
Region: Headquarters
Place Name: Statewide
Highway:

Project Description:
 Bridge engineering and rehabilitation at mainline locations; such as BR 364.7, BR 364.8, BR 369.7, BR 58.7.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	40,000	300,000	501,000	
Multi-Phase Activity	5307	100,000	1,200,000	100,000	
Multi-Phase Activity	5337GR	100,000	100,000	2,010,000	
Totals:		240,000	1,600,000	2,611,000	2,300,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 19658
Title: Statewide Preventive Maintenance
Region: Headquarters
Place Name: Statewide
Highway:



Project Description:
 This project partially funds statewide operating and maintenance costs related to passenger transit services. Additionally, includes passenger vehicle railcars and locomotives capital rehabilitation to extend functionality and serviceability of the asset.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	3,100,000	3,150,000	3,200,000	
Multi-Phase Activity	5307RR	100,000	100,000	100,000	
Multi-Phase Activity	5337GR	12,300,000	12,500,000	12,600,000	
Totals:		15,500,000	15,750,000	15,900,000	16,150,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 19664
Title: Positive Train Control
Region: Headquarters
Place Name: Statewide
Highway:



Project Description:
 Funds provide continuing development of a multi-phased program to design, develop, and implement a communication-based train control system.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	25,000	25,000	25,000	
Multi-Phase Activity	5307RR	50,000	50,000	50,000	
Multi-Phase Activity	5337GR	50,000	50,000	50,000	
Totals:		125,000	125,000	125,000	250,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 19666
Title: Bond Principal Int Costs
Region: Headquarters
Place Name: Statewide
Highway:



Project Description:

These funds are for payment of the portion of the net Grant Receipt Revenue Bond debt services issued for ARRC Capital Improvements. Bonds were issued in 2007 and 2015. Capital Improvement Projects include track rehabilitation, positive train control, passenger rolling stock, Anchorage car shop design and Moody Tunnel.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	3,600,000	3,600,000	3,600,000	
Multi-Phase Activity	5307RR	4,000,000	4,000,000	14,250,000	
Multi-Phase Activity	5337GR	10,400,000	10,400,000	100,000	
Totals:		18,000,000	18,000,000	17,950,000	17,750,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 20235

Title: Wideband Multimedia Mobile Emergency Communications Pilot

Region: Headquarters

Place Name: Wasilla

Highway:

Project Description:

Provide a 4.9 GHz mesh network dedicated to public safety use in the Wasilla area.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	EMRK	178,160	0	0	
Totals:		178,160	0	0	0

Program: Community Transportation Program	Sponsor: City of Wasilla
Primary Work: ITS	PEB Score: 199
2013 Election District: 14 Eagle River/Chugach State Park	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 20294

Title: Air Quality Public Education

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

The statewide air quality public education project will focus on a number of air quality issues of concern to Alaska including, but not limited to: air pollution health/environmental impacts and ways local citizens can mitigate air pollution from sources like motor vehicles, unpaved roads, diesel engines/heavy duty vehicles, wood smoke, residential heating, etc. There may also be a focus on transportation alternatives that can assist in improving air quality (pedestrian, bike, transit, car/van pool).



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	AC	454,850	0	454,850	
Other / Miscellaneous	ACC	-909,700	-454,850	0	
Other / Miscellaneous	CMAQ-F	909,700	454,850	0	
Other / Miscellaneous	SM	45,150	0	45,150	
Totals:		500,000	0	500,000	1,000,000

Program: Required programs and Preventive Maintenance	Sponsor: ADEC
Primary Work: Planning	PEB Score: 199
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 20854
Title: Passenger Equipment
Region: Headquarters
Place Name: Statewide
Highway:

Project Description:
 Passenger equipment rehabilitation.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	330,000	340,000	370,000	
Multi-Phase Activity	5307RR	1,150,000	1,160,000	1,300,000	
Multi-Phase Activity	5337GR	200,000	200,000	200,000	
Totals:		1,680,000	1,700,000	1,870,000	1,450,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 21314

Title: Transit Security Associated Transit Improvements (Transit Enhancement)

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Purchase and install surveillance equipment system-wide, and other security expenses as appropriate. Transit enhancement projects system-wide such as rest rooms, wheel chair lifts, intuitive signage, and other enhancements as may be identified.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	40,000	40,000	40,000	
Multi-Phase Activity	5307RR	200,000	200,000	200,000	
Totals:		240,000	240,000	240,000	250,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 25836

Title: AASHTO Technical Programs Support

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

American Association of State Highway and Transportation Officials (AASHTO) offers several technical service programs on a voluntary membership basis. This project will support annual ADOT&PF's federally eligible technical service program memberships as selected by the Commissioner.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Planning & Research	RES	222,876	181,940	181,940	
Planning & Research	SM	22,124	18,060	18,060	
Totals:		245,000	200,000	200,000	200,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26168

Title: Air Quality Mobile Source Modeling

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Continue development and enhancement of the statewide framework for MOVES modeling in Alaska to ensure consistent development, application, and approval of modeling workflows (e.g., input data collection and processing, model setup and execution requirements, post-processing of outputs, etc.) in all regional mobile source inventory applications envisioned within the state. These regional applications include SIP emissions/emission budgets and transportation conformity emission inventories, NEI (National Emission Inventory) submittals to EPA that consist of both planning and episodic modeling inventories, throughout the state. Continue the support of the EPA requirement to use MOVES for local communities and state, and continue to evaluate MOVES versions to ensure unique aspects of Alaska conditions are addressed.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	CMAQ-F	181,940	181,940	0	
Other / Miscellaneous	SM	18,060	18,060	0	
Totals:		200,000	200,000	0	400,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26269

Title: Transportation Asset Management Program

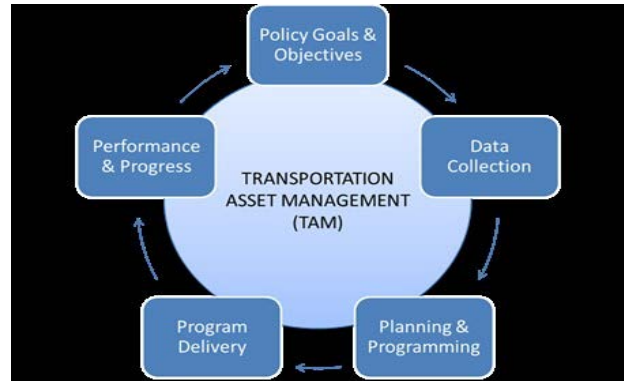
Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Develop Asset Management program for ADOTPF assets containing an inventory of specific assets, their condition, performance targets and a plan of how to achieve these targets in a cost effective and efficient manner through a mix of investments. Advance an Asset Management Improvement Strategy that will examine ADOTPF's proficiency and maturity in Asset Management practices, identify strengths and weaknesses, look at methodologies and practices, and set goals and objectives for continuous improvement.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	1,819,400	1,819,400	1,819,400	
Other / Miscellaneous	SM	180,600	180,600	180,600	
Totals:		2,000,000	2,000,000	2,000,000	4,000,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26469

Title: Road Weather Information System (RWIS)

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

The Road Weather Information System is a network of environmental sensor stations strategically located on major arterials. This project will fund the ongoing maintenance and operations of the network and sites, including utilities. This also includes web application development and upgrades to support the large customer base.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	NHPP	500,335	500,335	500,335	
Multi-Phase Activity	SM	49,665	49,665	49,665	
Totals:		550,000	550,000	550,000	1,100,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 26470

Title: 511 Phone and Web Maintenance & Operations

Region: Headquarters

Place Name: Statewide

Highway:



Project Description:

This project will fund the maintenance and operations of the 3rd Gen 511 travel information System website, 5-1-1 telephone and internal reporting system (RIDE). This includes funding the 511 Management Center operations, 24/7 technical support, and ongoing M&O activities.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	NHPP	427,559	427,559	427,559	
Multi-Phase Activity	SM	42,441	42,441	42,441	
Totals:		470,000	470,000	470,000	940,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26471

Title: Highway Performance Monitoring System (HPMS)
Reporting

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

This project supports the new Highway Performance Monitoring System (HPMS) integration application (HPMSAnalyst) used to meet annual FHWA HPMS Submittal requirements. Scope of work includes: ongoing operations and maintenance; integration with department applications; updates to ensure compliance with new federal requirements for performance measures; and, technical support.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	136,455	136,455	136,455	
Other / Miscellaneous	SM	13,545	13,545	13,545	
Totals:		150,000	150,000	150,000	300,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27269

Title: Geographic Information System Development

Region: Headquarters

Place Name: Statewide

Highway: N/A



Project Description:

This project supports the Geographic Information System (GIS) development for Department decisions involving resource allocation, project selection, and results based budgeting. The project will directly support the Highway Performance Monitoring System, Traffic Data System, Crash Data System, and Transportation Asset Management Information System. Project activities include: GIS design and development, hardware and software acquisition, application design and development, and web-based services.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	22,575	22,575	22,575	
Other / Miscellaneous	STP	227,425	227,425	227,425	
Totals:		250,000	250,000	250,000	1,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: ITS	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 27270
Title: Roadway Data Collection
Region: Headquarters
Place Name: Statewide
Highway: N/A



Project Description:

This project supports the collection and processing of road centerlines, roadway inventory features, and roadway attributes. Project activities include: data collection planning, data collection, data processing, data quality assurance, and acquisition of data storage hardware and software. The resulting data will directly support: the Highway Performance Monitoring System, the Traffic Data System, the Crash Data System, and the Maintenance Management System.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	90,300	90,300	90,300	
Other / Miscellaneous	STP	909,700	909,700	909,700	
Totals:		1,000,000	1,000,000	1,000,000	2,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27471

Title: Statewide Temperature Data Probe Network

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

Temperature Data Probes (TDP) provide the vertical temperature profiles for the seasonal weight restriction program. Scope of work includes: maintenance and operations of the statewide network; new and replacement equipment; and, supporting equipment and software.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	NHPP	45,485	45,485	45,485	
Multi-Phase Activity	SM	4,515	4,515	4,515	
Totals:		50,000	50,000	50,000	100,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: ITS	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27689

Title: Alaska CARE - Crash Data Analysis & Reporting System

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project supports the Alaska CARE used to analyze and report crash data for Strategic Highway Safety Plan (SHSP), the Alaska Highway Safety Performance Plan and the Highway Safety Improvement Program (HSIP) and the FAST Act performance measures requirements. Scope of work includes: support maintenance and operations; support GIS linear referenced network; revisions as needed to support crash locations and mapping needs; support IT hardware and software; and will support system integration with other department applications in order to meet reporting requirements.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	90,970	90,970	90,970	
Other / Miscellaneous	SM	9,030	9,030	9,030	
Totals:		100,000	100,000	100,000	200,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27690

Title: Traffic Data Management and Reporting System

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project will fund maintenance and operations of the current traffic data system (Traffic Server) and to procure a replacement system. Scope of work includes: integration with the GIS linear referenced network; system upgrades (hardware & software); ongoing operational support and data migration; training; technical support; and system integration with with other department applications in order to meet reporting requirements.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	454,850	272,910	272,910	
Other / Miscellaneous	SM	45,150	27,090	27,090	
Totals:		500,000	300,000	300,000	150,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27969
Title: Bus and Bus Facilities
Region: Headquarters
Place Name: Statewide
Highway: N/A

Project Description:

FTA Section 5339 monies available for capital expenses for eligible rural and small urban public transit systems. Projects are determined through a competitive grant application process.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	1,671,731	1,079,065	875,000	
Multi-Phase Activity	5339	6,686,924	5,395,325	3,500,000	
Totals:		8,358,655	6,474,390	4,375,000	10,000,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Transit	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28129

Title: Road Weather Information System (RWIS) AURORA
Pooled Fund

Region: Headquarters

Place Name: Statewide

Highway: N/A



Project Description:

This project will provide collaborative weather-related research and sharing of road weather management best practices through the AURORA Transportation Pooled Program Fund (TPF-5(290)), an international partnership of public road agencies. Alaska DOT's AURORA membership multiplies financial resources to address our most pressing road weather information system (RWIS) -related challenges. Key outcomes include relationships with national and international agencies and RWIS equipment providers involving decision support systems, standards, training, and research covering avalanche forecasting, sensor performance, seasonal weight restrictions, and winter weather maintenance strategies.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Planning & Research	RES	25,000	25,000	25,000	
Totals:		25,000	25,000	25,000	50,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28309
Title: IWAYS Architecture Update
Region: Headquarters
Place Name: Statewide
Highway: N/A



Project Description:

This project will fund reviewing and updating necessary sections of the Alaska Iways Architecture. The update is required to ensure that ADOT&PF continues to meet and conform to the National ITS requirements. The existing Alaska Iways Architecture, last updated in 2008, will be reviewed and updated using consulting services to ensure ADOT&PF is using the latest ITS Architecture framework, and incorporating the updated processes and flows in the revised National ITS Architecture. This update will also ensure ADOT&PF is complying with the current systems engineering requirements and corresponding ITS Systems Engineering Checklist.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	2,258	2,258	2,258	
Other / Miscellaneous	STP	22,742	22,742	22,742	
Totals:		25,000	25,000	25,000	50,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 28310
Title: 511 Phone and Web Enhancements
Region: Headquarters
Place Name: Statewide
Highway: N/A



Project Description:

This project will fund planned and unplanned enhancements and system integration for the 511 phone, public website, entry tool system and Apps. Planned enhancements include: real-time traffic speed reporting, real-time information from external sensors and additional cameras as they become available. This project will fund purchasing the GPS components for portable message boards necessary to integrate signs with the 511 map.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	272,910	272,910	272,910	
Other / Miscellaneous	SM	27,090	27,090	27,090	
Totals:		300,000	300,000	300,000	600,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 28311
Title: Traveler Information Systems Marketing
Region: Headquarters
Place Name: Statewide
Highway: N/A



Project Description:

This project will fund marketing Alaskas road weather information systems, the 511 phone, website, smartphone apps, and social media utilities. This will also include public outreach and education, training, marketing materials, media kits and consultant services.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	2,257	2,257	2,257	
Other / Miscellaneous	STP	22,743	22,743	22,743	
Totals:		25,000	25,000	25,000	100,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28809

Title: Statewide Highway Data Equipment Acquisition and Installation

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project will fund the permanent and short term count equipment necessary to meet the State's federally required traffic monitoring program. Scope of work includes: design and install; purchase of equipment such as traffic data counters, cameras, computers, and software; and, IT needs for data collection, communications, and software.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	NHPP	909,700	909,700	909,700	
Multi-Phase Activity	SM	90,300	90,300	90,300	
Totals:		1,000,000	1,000,000	1,000,000	1,500,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29429

Title: Alaska Historic Roads Eligibility Planning

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

Fund National Register of Historic Places eligibility determinations for selected roads for advance planning purposes and develop management plans for eligible historic roads. The project tiers off efforts accomplished under the Programmatic Agreement regarding Alaska's Highway System Roads Affected by the Federal-Aid Highway Program (Alaska Road PA), which developed a historic overview of Alaskas roads and a methodology for evaluating their National Register eligibility. The project would apply that methodology to selected roads and the historic road management plans will recommend practices consistent with the needs of transportation and historic preservation.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	15,803	15,803	13,545	
Other / Miscellaneous	STP	159,197	159,197	136,455	
Totals:		175,000	175,000	150,000	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29609

Title: RWIS Air Quality Sensor Operations & Maintenance

Region: Headquarters

Place Name: Fairbanks

Highway: N/A



Project Description:

This project provides for air quality data analysis, program management, sensor calibration, maintenance checks, troubleshooting, travel, and repair of air quality sensors collocated at five Fairbanks Road Weather Information Station Environmental Sensor Stations through a Reimbursable Services Agreement between the Department of Transportation & Public Facilities and the Department of Environmental Conservation. The project also provides for training, consumable supplies, and repair parts.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	SM	9,030	9,030	9,030	
Multi-Phase Activity	STP	90,970	90,970	90,970	
Totals:		100,000	100,000	100,000	200,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 60 Fairbanks Areawide	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): FMATS	
Performance Measures: CMAQ	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 29675
Title: OHA AHRS/IBS Development
Region: Headquarters
Place Name: Various
Highway: N/A



Project Description:

Development and maintenance of the Office of History and Archaeology (OHA) online database for cultural resource management known as the Alaska Heritage Resources Survey/Integrated Business System (AHRS/IBS). The AHRS is a restricted inventory of all reported prehistoric, archaeological, and historic sites within the State of Alaska. The database provides DOT&PF with easy on-line access to known cultural resource information. Work will include database programming and data entry and management.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	23,930	23,930	23,930	
Other / Miscellaneous	STP	241,070	241,070	241,070	
Totals:		265,000	265,000	265,000	265,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29910

Title: Weigh-In-Motion Maintenance & Operations

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

Maintain, operate and enhance the current network of weigh-in-motion equipment, communications, software, databases, and data visualization and reporting tools.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	541,800	541,800	541,800	
Other / Miscellaneous	SM	58,200	58,200	58,200	
Totals:		600,000	600,000	600,000	1,200,000

Program: Required programs and Preventive Maintenance	Sponsor: Jennifer Anderson
Primary Work: ITS	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30269

Title: Cultural Resources Liaison

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

Streamline project delivery by funding Federal and State resource agency liaison positions dedicated to working on Alaska Department of Transportation and Public Facilities (DOT&PF) projects. This project will fund a Cultural Resources Liaison between DOT&PF and the Department of Natural Resources, Alaska Division of Parks and Outdoor Recreation/Office of History and Archaeology (OHA) to improve and more efficiently streamline the review process of projects through Section 106 of the National Historic Preservation Act of 1966, as amended (36 CFR 800 Protection of Historic Properties)



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	14,448	14,900	15,351	
Other / Miscellaneous	STP	145,552	150,100	154,649	
Totals:		160,000	165,000	170,000	170,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30393

Title: Statewide Geotechnical Asset Management Implementation

Region: Headquarters

Place Name: Various

Highway: N/A



Project Description:

Implement geotechnical asset management in DOT&PF based upon the formal GAM Plan published in 2015. Improve the asset management process for the agency's targeted geotechnical assets: rock slopes, unstable slopes and embankments, earth retaining structures, and material sites. Required steps include completion of asset inventories, inspection and condition rating, enhancements to supporting database information and reporting systems, capture and tracking of physical work accomplishment data, and upgrades to models forecasting life cycle cost and asset deterioration.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	363,880	363,880	363,880	
Other / Miscellaneous	SM	36,120	36,120	36,120	
Totals:		400,000	400,000	400,000	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30398

Title: Electronic Environmental Compliance System

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

Develop and deploy a software solution to accommodate environmental document development and compliance oversight for all NEPA approvals, environmental permits, conditions and commitments for DOT&PF constructed projects, from pre-construction through construction completion, as required by federal and state laws and regulations. This software solution will support environmental document development, approval, permitting, inspection and reporting compliance workflows for DOT&PF preconstruction and construction staff and contract partners.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	22,575	7,224	7,224	
Other / Miscellaneous	STP	227,425	72,776	72,776	
Totals:		250,000	80,000	80,000	80,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30689

Title: Statewide Transportation Alternatives Program (TAP)

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

The FAST Act eliminates the MAP-21 Transportation Alternatives Program (TAP) and replaces it with a set-aside of Surface Transportation Block Grant (STBG) program funding for transportation alternatives (TA). These set-aside funds include all projects and activities that were previously eligible under TAP, encompassing a variety of smaller-scale transportation projects such as pedestrian and bicycle facilities, recreational trails, safe routes to school projects, community improvements such as historic preservation and vegetation management, and environmental mitigation related to stormwater and habitat connectivity. All TA projects to be funded through a competitive process.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	531,060	540,986	550,912	
Multi-Phase Activity	TAP	5,350,000	5,450,000	5,550,000	
Totals:		5,881,060	5,990,986	6,100,912	12,000,000

Program: Transportation Alternatives Program	Sponsor: _____
Primary Work: Transportation Enhancements	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 31089
Title: Locomotive Equipment
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Locomotive equipment rehabilitation.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	21,000	25,000	25,000	
Multi-Phase Activity	5307RR	84,000	100,000	100,000	
Totals:		105,000	125,000	125,000	200,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 31090
Title: Transit Asset Management
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Transit asset management program development and improvements.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	63,000	550,000	350,000	
Multi-Phase Activity	5307RR	200,000	2,150,000	200,000	
Multi-Phase Activity	5337GR	50,000	50,000	1,170,000	
Totals:		313,000	2,750,000	1,720,000	1,750,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 31091
Title: Radio System
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Replace and/or upgrade radio system equipment and communication components.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	75,000	75,000	63,000	
Multi-Phase Activity	5307RR	245,000	200,000	200,000	
Multi-Phase Activity	5337GR	50,000	100,000	50,000	
Totals:		370,000	375,000	313,000	315,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 31470

Title: Connected - Autonomous Vehicle Planning

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

Planning and development for autonomous and connected vehicles.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	SM	2,461	2,461	2,461	
Multi-Phase Activity	STP	24,797	24,797	24,797	
Totals:		27,258	27,258	27,258	109,032

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31471

Title: McHugh RWIS Tower Upgrade

Region: Headquarters

Place Name: Anchorage

Highway: Seward Highway

Project Description:

The existing McHugh RWIS Tower on the Seward Highway at MP 111.8 will be upgraded and reinforced. Work will also include moving the electrical connection from the old Alaska Railroad concrete building, scheduled to be demolished, to a new load center for the RWIS site.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	2,063	0	0	
Design	STP	20,783	0	0	
Construction	SM	12,190	0	0	
Construction	STP	122,810	0	0	
Utilities	SM	2,257	0	0	
Utilities	STP	22,743	0	0	
Totals:		182,846	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31597

Title: Statewide Planning and Environmental Linkages (PEL) Studies Program

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

Develop a statewide PEL program including a guidebook and identification of priorities for PEL Studies. Initiate PEL studies to further refine and analyze conceptual highway improvements, evaluate environmental challenges, and improve the understanding of various design issues and anticipated project costs in an effort to reduce project delivery costs and schedules.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	2,729,100	2,729,100	2,729,100	
Other / Miscellaneous	SM	451,500	451,500	451,500	
Other / Miscellaneous	STP	1,819,400	1,819,400	1,819,400	
Totals:		5,000,000	5,000,000	5,000,000	10,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 31657
Title: CP LED Signal Upgrade
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Upgrade/replace train control point signals.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	38,000	38,000	38,000	
Multi-Phase Activity	5307RR	150,000	150,000	150,000	
Totals:		188,000	188,000	188,000	200,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31658

Title: 4thGen Traveler Information Syst

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

Funding will cover the design and deployment of a 4thGen Traveler Information System. This includes a new responsive public website, 511.alaska.gov, smartphone apps for android and iOS, an internal reporting system, and two phone systems for the public: dial 5-1-1 for highway reports and dial 800-642-0066 for AMHS schedules and reservations).



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	227,425	227,425	0	
Other / Miscellaneous	SM	22,575	22,575	0	
Totals:		250,000	250,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31899

Title: Alaska DOT Civil Rights Disparity Study

Region: Headquarters

Place Name: Various

Highway: N/A



Project Description:

The US DOT has ordered Alaska (and other states) to complete a study comparing gender and racial business groups that participate in transportation contracting, services, and airport concessions to the market share for those firms. As a result of this study, Alaska must devise DBE (Disadvantaged Business Enterprises) goals according to the results from this study. This action has been ordered as a direct consequence of a legal decision in Washington State; Western States Paving Case.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	36,120	36,120	0	
Other / Miscellaneous	STP	363,880	363,880	0	
Totals:		400,000	400,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor:
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31918

Title: Pavement Design Software Upgrade

Region: Headquarters

Place Name: Various

Highway: N/A



Project Description:

Funding will cover the upgrade of the Alaska Flexible Pavement Design (AKFPD) software to a web-based software, easily accessible for designers without the need for software installation, and without the risk of accessibility and Windows operating system issues. This includes the configuration and calibration of the AKFPD by (1) validating existing workflows and standards, (2) basic workflow analysis and design to implement the upgrade, (3) field non-destructive pavement testing and analysis to obtain pavement layer/material stiffness values, (4) update the layer/material properties database within the software using the in-situ stiffness values, (5) development and QC testing, (6) Beta testing and refinement, and (7) training and deployment of the web portal.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	0	66,641	0	
Other / Miscellaneous	STP	0	671,359	0	
Totals:		0	738,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: _____
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31919

Title: Environmental Program Implementation Support

Region: Headquarters

Place Name: Various

Highway: N/A



Project Description:

Develop and deliver Alaska Environmental Process Courses and training materials, and in-house experts that can conduct regular training for environmental staff. Develop Implementation and tracking of the Environmental Program Training Plan to enhance staff development. Provide the Department's environmental staff salary and travel expenses as needed to participate in meetings, trainings, conferences, or other opportunities for staff development to enhance the implementation of the environmental program. Provide support for streamlining and other innovative approaches as well as information sharing among the environmental staff. Develop streamlining guidance, manuals, and procedures for efficient project delivery and streamlined NEPA process which would allow the environmental staff to rapidly respond to changing environmental regulations and processes.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor:
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31920

Title: AASHTOWare Implementation

Region: Headquarters

Place Name: Various

Highway: N/A



Project Description:

This project entails the statewide implementation of the interactive AASHTOWare Project Preconstruction, Bids, Civil Rights & Labor Management, Construction & Materials, Estimation, and Data Analytics modules. The AASHTOWare Project suite of software is to be used by all sections, regions, and Statewide entities of Alaska DOT&PF.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	909,700	2,274,250	454,850	
Other / Miscellaneous	SM	90,300	225,750	45,150	
Totals:		1,000,000	2,500,000	500,000	500,000

Program:	Required programs and Preventive Maintenance	Sponsor:	
Primary Work:	Planning	PEB Score:	
2013 Election District:	99 Statewide	Criteria:	
Borough/Census Area:	Various Boroughs	Functional Class:	
Municipal Planning Org. (MPO):	non-MPO		
Performance Measures:	N/A		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31921
Title: Standard Drawings Manual Update
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 This project will make comprehensive updates to the Alaska Standard Drawings Manual.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: Required programs and Preventive Maintenance</p> <p>Primary Work: Planning</p> <p>2013 Election District: 99 Statewide</p> <p>Borough/Census Area: Various Boroughs</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: N/A</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: _____</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32318

Title: Implement Intelligent Compaction Rollers and Paver Mounted Thermal Profilers

Region: Headquarters

Place Name: Various

Highway: N/A



Project Description:

This project will bring together three Intelligent Construction Technologies to provide full coverage mapping (test values on each square foot) of pavement placement and compaction parameters using Veta software to improve construction quality control and compaction efficiency so pavements last longer with lower maintenance cost.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	318,395	0	0	
Other / Miscellaneous	STP	31,605	0	0	
Totals:		350,000	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: _____
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32321

Title: Statewide Long Range Transportation Policy Plan 2045 & State Freight Plan

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

Update the Statewide Long Range Transportation Policy Plan for target year 2045 and the State Freight Plan. This project is required by 23 CFR 450.216 and 49 USC 70202 and will be managed by the Program Development Division.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Planning & Research	PLNG	0	1,200,000	0	
Planning & Research	SM	0	300,000	0	
Totals:		0	1,500,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: _____
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32438

Title: eWORX Federal Aid System Regulatory Implementation

Region: Headquarters

Place Name: Statewide

Highway: N/A



Project Description:

This project entails the implementation of and updates to the State of Alaska DOT&PF Federal Aid System(s) to meet regulatory requirements, processes, best practices, and guidance. The Federal Aid system is used to compile all project data into a federally recognized format, syntax, and meeting all federal requirements for reimbursement. Implementation work includes, but is not limited to, system workflows, automation and interfacing, data & analytics, business and regulatory rules and scrubbing, etc.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	NHPP	90,970	136,455	272,910	
Other / Miscellaneous	SM	9,030	13,545	27,090	
Totals:		100,000	150,000	300,000	150,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32478

Title: FFY19-21 ADA Implementation and Compliance Monitoring

Region: Headquarters

Place Name: Various

Highway: N/A



Project Description:

This project will provide for the implementation stage of the ADA Transition Plan and monitoring of all implementation aspects to assure ADA specifications are met, when feasible. As part of the compliance monitoring, outdated/compromised data will be removed or repaired and location information will be entered in a geospatial database to indicate locations that are in need of proper pedestrian facilities and/or alterations. This database will continue to serve the Civil Rights Office ADA team as a tool for planning, maintenance, preconstruction, and construction.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	0	22,575	0	
Other / Miscellaneous	STP	0	227,425	0	
Totals:		0	250,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	





Northern Region Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the Northern Region Planner: Phone: (907) 451-2252 Email: margaret.carpenter@alaska.gov

2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2118

Title: Richardson Highway Mile Point 161-170 (Milepost 159-167) Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway



Project Description:

Widen and reconstruct to current standards.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	36,388,000	0	
Construction	SM	0	3,612,000	0	
Totals:		0	40,000,000	0	36,388,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2119

Title: Richardson Highway Mile Point 169-176 (Milepost 167 - 173) Access/Safety Improvements

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Widen and reconstruct to current standards.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	0	27,291,000	
Construction	SM	0	0	2,709,000	
Totals:		0	0	30,000,000	27,291,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 9 Richardson Highway/East MatSu	Criteria:
Borough/Census Area: Valdez-Cordova	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2130

Title: Richardson Highway Mile Point 354-359 (Milepost 353-357) Access/Safety Improvements

Region: Northern

Place Name: Fairbanks

Highway: Richardson Highway

Project Description:

Improve access control on the Richardson Highway. This project will upgrade and extend the existing frontage road system, construct improved at-grade intersections, and eliminate a number of existing access approaches onto the Richardson Highway.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	20,000,000	0	0	
Construction	ACC	0	-20,000,000	0	
Construction	NHPP	3,910,400	20,000,000	0	
Construction	SM	1,689,600	0	0	
Totals:		25,600,000	0	0	0

Program:	National Highway System	Sponsor:	DOT&PF
Primary Work:	Reconstruction	PEB Score:	
2013 Election District:	5 Chena Ridge/Airport	Criteria:	
Borough/Census Area:	Fairbanks North Star Borough	Functional Class:	INTERSTATE
Municipal Planning Org. (MPO):	FMATS		
Performance Measures:	Bridge, Pavement, Safety		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 3648

Title: Steese Highway Mile Point 122-123 (Milepost 128)

Crooked Creek Bridge Replacement

Region: Northern

Place Name: Central

Highway: Steese Highway

Project Description:

Replace Crooked Creek Bridge #0431 on the Steese Highway.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	0	0	45,150	
Design	STP	0	0	454,850	
Totals:		0	0	500,000	3,600,000

Program: Alaska Highway System	Sponsor: DOT&PF
Primary Work: Bridge Replacement	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Yukon-Koyukuk	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 3687

Title: Shageluk Airport Access Road Improvements

Region: Northern

Place Name: Shageluk

Highway:

Project Description:

Reconstruct the 2.6 mile airport access road. Work will include embankment stabilization, minor realignment and resurfacing.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	SM	0	0	641,130	
Construction	STP	0	0	6,458,870	
Totals:		0	0	7,100,000	0

Program: Community Transportation Program	Sponsor: Shageluk City Council
Primary Work: Reconstruction	PEB Score: 133.3
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: Remote and Trails
Borough/Census Area: Yukon-Koyukuk	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 3843

Title: Airport Way / South Cushman Intersection Reconstruction

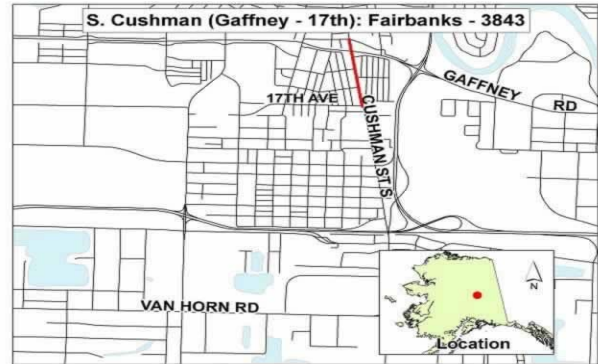
Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Reconstruct the intersection at Airport Way and Cushman Street.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	CMAQ-M	1,637,460	0	0	
Design	SM	162,540	0	0	
Right of Way	AC	0	4,275,590	0	
Right of Way	SM	0	424,410	0	
Utilities	CMAQ-M	0	1,091,640	0	
Utilities	SM	0	108,360	0	
Totals:		1,800,000	5,900,000	0	11,775,590

Program: National Highway System	Sponsor: City of Fairbanks/FMATS
Primary Work: Reconstruction	PEB Score: 98.5
2013 Election District: 1 Downtown Fairbanks	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): FMATS	
Performance Measures: CMAQ, Safety	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 6462

Title: Highway Safety Improvement Program/Safety Management

Region: Northern

Place Name: Northern Region

Highway:

Project Description:

Program management for support of HSIP activities.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SA	324,000	324,000	324,000	
Other / Miscellaneous	SM	36,000	36,000	36,000	
Totals:		360,000	360,000	360,000	720,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Safety	PEB Score:
2013 Election District: 60 Fairbanks Areawide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

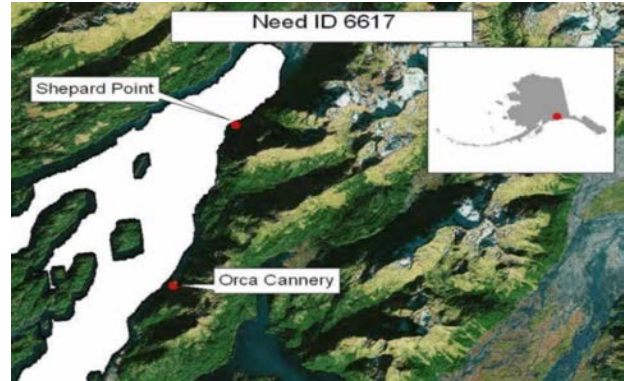


2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 6617
Title: Shepard Point Road
Region: Northern
Place Name: Cordova
Highway:

Project Description:

Construct approximately 4 miles of road from Orca Cannery to the deep water port site at Shepard Point. The State of Alaska's contribution of federal-aid funds to the Native Village of Eyak's Shepard Point Road project will be transferred to FHWA-Western Federal Lands Highway Division, pursuant to 23 USC 104(k), as a contribution to this IRR Program project. (TTIP Project #: NVE 0601). AKDOT will not certify, inspect, or oversee this project, nor be responsible for any non-federal match.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Community Transportation Program	Sponsor: _____
Primary Work: New Construction	PEB Score: 199
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: Urban and Rural
Borough/Census Area: Valdez-Cordova	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 15685

Title: Airport Way (West) Improvements

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Construct intersection improvements along Airport Way between Dale Road and the Parks Hwy. Project includes bicycle/pedestrian facilities along Hoselton Road to the Boat Street path.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	9,000,000

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 5 Chena Ridge/Airport</p> <p>Borough/Census Area: Fairbanks North Star Borough</p> <p>Municipal Planning Org. (MPO): FMATS</p> <p>Performance Measures: CMAQ, Pavement, Safety</p>	<p>Sponsor: DOT&PF</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 16177

Title: Barrow-Ahkovak Street Upgrade

Region: Northern

Place Name: Barrow

Highway:

Project Description:

Rehabilitate and pave approximately 0.625 miles of Ahkovak Street, from Okpik Street to Kiogak Street, including drainage improvements.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	3PF	0	322,642	0	
Construction	AC	0	6,500,716	0	
Construction	SM	0	322,642	0	
Totals:		0	7,146,000	0	6,500,716

Program: Community Transportation Program	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 40 Arctic	Criteria: Remote and Trails
Borough/Census Area: North Slope Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 17662

Title: FMATS CTP Program Allocation

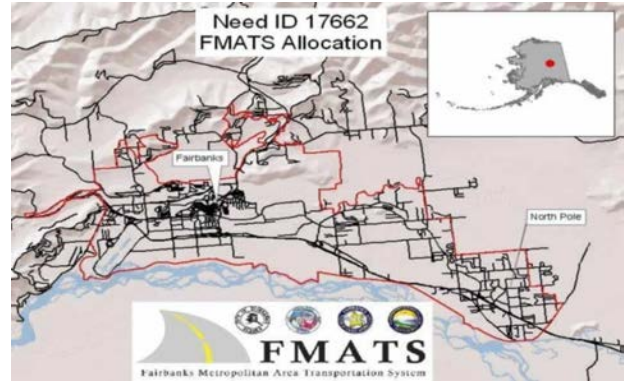
Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

FMATS CTP Program Allocation. See FMATS TIP for projects.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	373,630	382,971	392,545	
Multi-Phase Activity	SM	373,630	382,971	392,545	
Multi-Phase Activity	STP	7,528,055	7,716,256	7,909,163	
Totals:		8,275,315	8,482,198	8,694,253	16,146,956

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score: 999
2013 Election District: 5 Chena Ridge/Airport	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): FMATS	

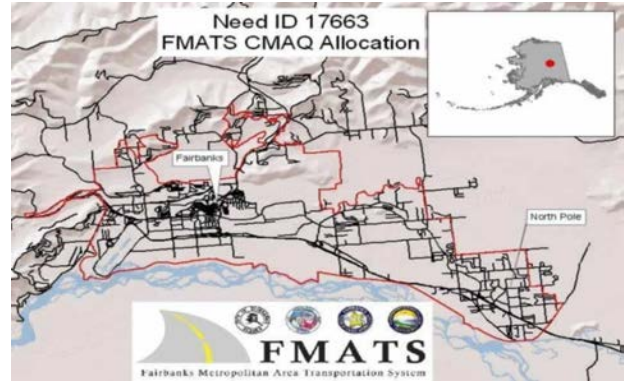


2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 17663
Title: FMATS CMAQ Allocation
Region: Northern
Place Name: Fairbanks
Highway:

Project Description:

This project is additional allocation for qualifying projects utilizing federal Congestion Mitigation and Air Quality Improvement (CMAQ) funding. See FMATS TIP for projects.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	CMAQ-M	727,760	727,760	727,760	
Multi-Phase Activity	SM	72,240	72,240	72,240	
Totals:		800,000	800,000	800,000	1,600,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Congestion	PEB Score: 999
2013 Election District: 5 Chena Ridge/Airport	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): FMATS	
Performance Measures: CMAQ	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 18634

Title: Kotzebue Cape Blossom Road

Region: Northern

Place Name: Kotzebue

Highway:

Project Description:

Construct a new road from Kotzebue to a port site near Cape Blossom.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	3PF	0	2,222,073	0	
Construction	AC	0	22,385,599	0	
Construction	EMRK	0	892,328	0	
Totals:		0	25,500,000	0	22,385,599

Program: Community Transportation Program	Sponsor: City of Kotzebue
Primary Work: New Construction	PEB Score: 199
2013 Election District: 40 Arctic	Criteria:
Borough/Census Area: Northwest Arctic Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 18923

Title: Pavement and Bridge Rehabilitation

Region: Northern

Place Name: Northern Region

Highway:

Project Description:

Crack sealing, surface treatment drainage, signage, guardrail, illumination, and other refurbishments to prolong the life of road pavement and bridges and their safety related structures. Project includes NHS Lane Delineators, Destination & Distance Signing, Pavement Markings and Signalization, Abandoned Vehicle Program, Road Surfacing and Transfer, Road Surface Treatments, and improve curb ramps to meet ADA standards (in coordination with Need ID 30397). The scope does not include landscaping or other elements inconsistent with a pavement preservation focus.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	NHPP	27,291,000	19,558,550	27,291,000	
Multi-Phase Activity	SM	5,418,000	4,650,450	5,418,000	
Multi-Phase Activity	STP	27,291,000	27,291,000	27,291,000	
Totals:		60,000,000	51,500,000	60,000,000	120,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 60 Fairbanks Areawide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22298

Title: Alaska Highway Mile Point 85-86 (Milepost 1309) Tok River Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Alaska Highway

Project Description:

Replace the Tok River Bridge #0506 on the Alaska Highway. The new bridge will have additional width and eliminate vertical clearance restrictions.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: Bridge Replacement</p> <p>2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region</p> <p>Borough/Census Area: Southeast Fairbanks</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Bridge, Pavement, Safety</p>	<p>Sponsor: DOT&PF</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: INTERSTATE</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22299

Title: Alaska Highway Mile Point 12-45 (Milepost 1235 -1268)
Rehabilitation

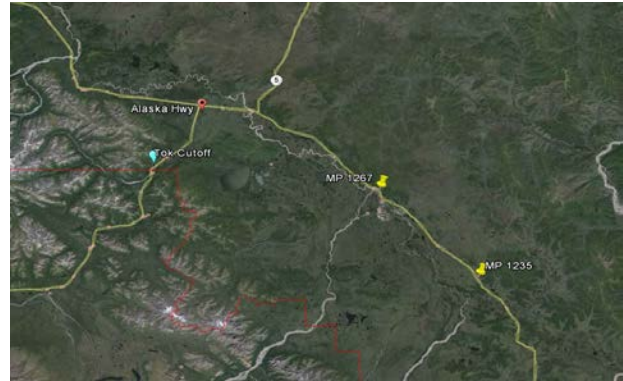
Region: Northern

Place Name: Northern Region

Highway: Alaska Highway

Project Description:

Rehabilitate the Alaska Highway and construct passing lanes at various locations, including possible repairs to Gardiner Creek bridge #0503 and Ten Mile Creek Bridge #7085. This is the overall design for the entire termini. Construction will happen in two stages under NID 30280 and under the original NID 22299.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	1,137,125	0	0	
Design	SM	112,875	0	0	
Totals:		1,250,000	0	0	30,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22315

Title: Alaska Highway Passing Lanes Mile Point 0-198 (Milepost 1221-1422) (Canadian Border to Delta Jct)

Region: Northern

Place Name: Northern Region

Highway: Alaska Highway

Project Description:

Construct approximately 10 passing lanes at various locations on the Alaska Highway to improve safety.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	454,850	0	0	
Design	SM	45,150	0	0	
Totals:		500,000	0	0	25,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: New Construction	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22325

Title: Alaska Highway Mile Point 156-157 (Milepost 1381)

Johnson River Bridge Replacement (#0518)

Region: Northern

Place Name: Northern Region

Highway: Alaska Highway

Project Description:

Replace the Johnson River Bridge on the Alaska Hwy.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	0	0	3,274,920	
Design	SM	0	0	325,080	
Totals:		0	0	3,600,000	36,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22331

Title: Parks Highway Mile Point 127-148 (Milepost 163-183)
Rehabilitation

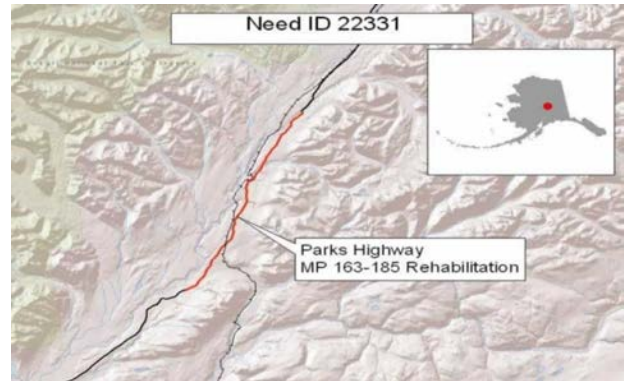
Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Rehabilitate the Parks Hwy to improve drainage, and construct passing lanes. Also includes a grade separated crossing at Milepost 169 (Hurricane). This is the overall design project for the entire termini. Construction will happen in three stages under NID 30278, NID 30279 and the final segment for the grade separated railroad crossing under this NID.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	0	181,940	0	
Right of Way	SM	0	18,060	0	
Totals:		0	200,000	0	14,200,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22333

Title: Parks Highway Mile Point 203-228 (Milepost 239-263)
Reconstruction (Nenana Canyon to Bear Creek)

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Reconstruct the Parks Hwy to improve overall safety and to support the construction of a natural gas pipeline. This project will also construct passing and turn lanes where applicable.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region</p> <p>Borough/Census Area: Denali Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Safety</p>	<p>Sponsor: DOT&PF</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: INTERSTATE</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22335

Title: Parks Highway Mile Point 269-290 (Milepost 305-325)

Reconstruction

Region: Northern

Place Name: Nenana

Highway: Parks Highway

Project Description:

Reconstruct the Parks Highway including drainage improvements, passing lanes, and replacement of Little Goldstream Creek Bridge No. 678.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	3,820,740	0	0	
Design	SM	379,260	0	0	
Right of Way	NHPP	0	0	1,182,610	
Right of Way	SM	0	0	117,390	
Utilities	NHPP	0	0	454,850	
Utilities	SM	0	0	45,150	
Totals:		4,200,000	0	1,800,000	30,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Yukon-Koyukuk	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22441

Title: Steese Highway and 3rd Street Widening

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Reconstruct and widen 3rd Street between Hamilton/Farewell and the Minnie Street Bridge (#0295). Work will include turn lanes and signalization improvements at the new Steese Expressway intersection.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	13,645,500	0	
Construction	SM	0	1,354,500	0	
Totals:		0	15,000,000	0	13,645,500

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 2 Fairbanks/Wainwright	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): FMATS	
Performance Measures: CMAQ, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22446

Title: Dalton Highway Mile Point 17-38 (Milepost 18-37)
Reconstruction (Hess Creek Area)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, spot repairs and resurfacing of approximately 19 miles of the Dalton Highway in the Hess Creek Area. This is the overall design for the entire termini. Construction will happen in two stages under NID 30285 and this original NID 22446.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	1,819,400	0	0	
Design	SM	180,600	0	0	
Right of Way	NHPP	0	27,279	0	
Right of Way	SM	0	2,721	0	
Totals:		2,000,000	30,000	0	25,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Yukon-Koyukuk	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22452

Title: Dalton Hwy Mile Point 109-145 (Milepost 109-144)
Reconstruction (Old Man Camp to Jim River Bridge#3)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, spot repairs and resurfacing of approximately 35 miles of the Dalton Highway. Also includes replacing Douglas Creek Bridge #1560. This is the overall design for the entire termini. Construction will happen in 3 stages: NID 30276, NID 30270 and the final segment of construction including bridge #1560 under this NID 22452.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-1,269,941	0	0	
Design	NHPP	2,700,899	0	0	
Design	SM	142,042	0	0	
Right of Way	NHPP	0	0	9,097	
Right of Way	SM	0	0	903	
Utilities	NHPP	0	0	9,097	
Utilities	SM	0	0	903	
Totals:		1,573,000	0	20,000	27,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 40 Arctic	Criteria: _____
Borough/Census Area: Yukon-Koyukuk	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22453

Title: Dalton Highway Mile Point 0-10 (Milepost 0-9)
Reconstruction (Livengood to 9 Mile Hill)

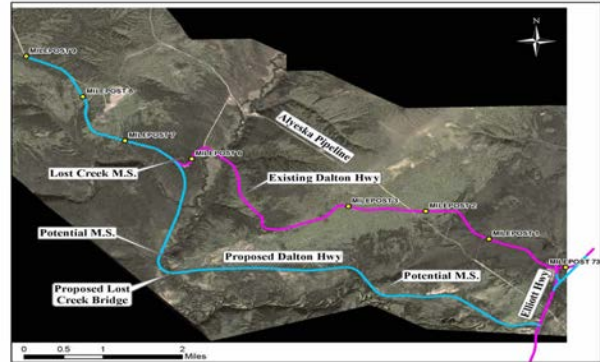
Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruct the Dalton Hwy to improve substandard sections. This project is the initial stage of a large scale effort to reconstruct critical segments of this highway prior to construction of the proposed natural gas pipeline.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	0	33,658,900	
Construction	SM	0	0	3,341,100	
Totals:		0	0	37,000,000	33,658,900

Program:	National Highway System	Sponsor:	DOT&PF
Primary Work:	Reconstruction	PEB Score:	
2013 Election District:	6 Eielson/Denali/Upper Yukon/Border Region	Criteria:	
Borough/Census Area:	Yukon-Koyukuk	Functional Class:	PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO):	non-MPO		
Performance Measures:	Pavement, Safety		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22475

Title: Dalton Highway Mile Point 306-337 (Milepost 305-335)
Reconstruction (Sag Camp to Happy Valley)

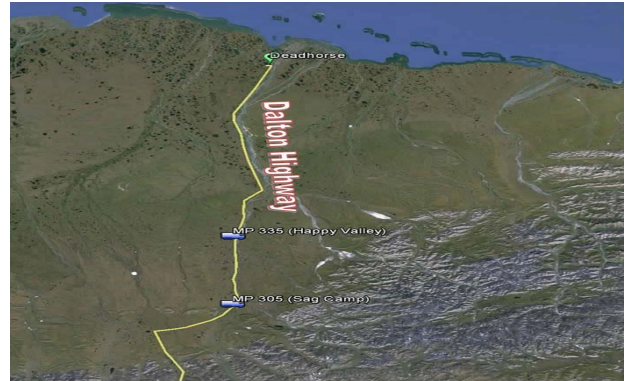
Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, repair, resurfacing and enhancements to 30 miles of road. This is the overall design for the entire termini. Construction will happen in 3 stages: NID 30281, NID 30282 and this original NID 22475.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	0	2,729,100	0	
Design	SM	0	270,900	0	
Totals:		0	3,000,000	0	22,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 40 Arctic	Criteria:
Borough/Census Area: North Slope Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22476

Title: Dalton Highway Mile Point 210-238 (Milepost) 209-235
Reconstruction (Dietrich to Chandalar Shelf)

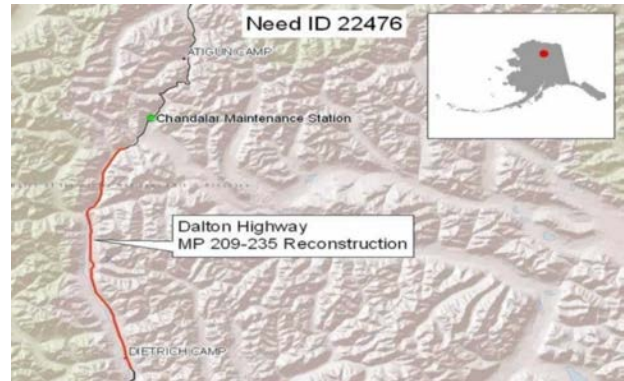
Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, spot repairs, resurfacing, replacing Owen Creek culvert #4049 and Nutirwik Creek bridge #1515. (This is the parent design for the overall termini. Segment one construction is under NID 30277. Segment two is under NID 22476.)



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 40 Arctic</p> <p>Borough/Census Area: North Slope Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Pavement, Safety</p>	<p>Sponsor: DOT&PF</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22480

Title: Dalton Highway Mile Point 290-307 (MP 289-305)

Rehabilitation (Kuparuk to Sag Camp)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Rehabilitate and widen the Dalton Highway including minor realignments and grade raises. Construct turnouts and snowdrift mitigation features.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	0	30,020,100	
Construction	SM	0	0	2,979,900	
Totals:		0	0	33,000,000	30,020,100

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 40 Arctic	Criteria: _____
Borough/Census Area: North Slope Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22481

Title: Dalton Highway Mile Point 363-417 (Milepost 362-414)
Reconstruction (Pump 2 to Deadhorse)

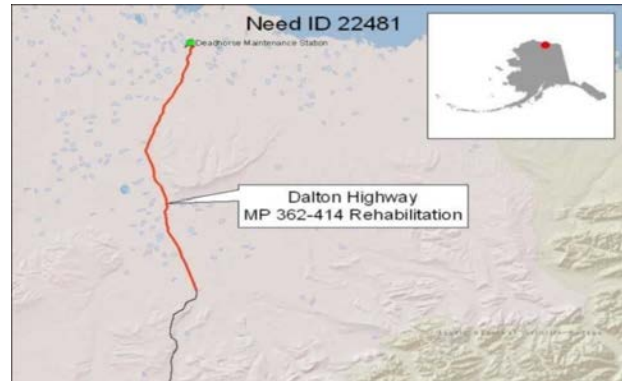
Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruct and pave 52 miles of the Dalton Highway. This corridor will be reconstructed in four segments: NID 29449, 29450, 29451, and the last stage of work will be to pave the entire project corridor under this NID.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	43,665,600	0	
Construction	SM	0	4,334,400	0	
Totals:		0	48,000,000	0	43,665,600

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 40 Arctic	Criteria: _____
Borough/Census Area: North Slope Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 23657

Title: Nulato Airport Access Road Improvements

Region: Northern

Place Name: Nulato

Highway:

Project Description:

Rehabilitate the Nulato Airport Access Road and Mukluk Creek Bridge #1382.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	SM	0	4,515	0	
Right of Way	STP	0	45,485	0	
Construction	AC	0	3,183,950	0	
Construction	SM	0	316,050	0	
Utilities	SM	0	4,515	0	
Utilities	STP	0	45,485	0	
Totals:		0	3,600,000	0	3,183,950

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: Bridge Replacement	PEB Score:
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria:
Borough/Census Area: Yukon-Koyukuk	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 23675

Title: Selawik Barge Landing Access Road and Boardwalk Improvements

Region: Northern

Place Name: Selawik

Highway:

Project Description:

Rehabilitate the existing barge landing access road, construct a new gravel barge staging pad, install lighting, and replace sections of existing boardwalk. Will also include rehabilitation of the utility crossing at the land fill.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	SM	28,056	0	0	
Right of Way	STP	310,700	0	0	
Construction	ACC	0	0	-4,366,560	
Construction	SM	0	433,440	0	
Construction	STP	0	4,366,560	4,366,560	
Totals:		338,756	4,800,000	0	0

Program: Community Transportation Program	Sponsor: Selawik IRA
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 40 Arctic	Criteria: _____
Borough/Census Area: Northwest Arctic Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 24518

Title: Elliott Highway Mile Point 0-12 (Milepost 0-12)

Rehabilitation (Fox to Haystack)

Region: Northern

Place Name: Northern Region

Highway: Elliott Highway

Project Description:

Rehabilitation, restoration and resurfacing. Also includes shoulder widening in selected areas.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	0	-10,600,466	0	
Construction	NHPP	0	10,600,466	0	
Totals:		0	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 4 Western Fairbanks	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 24519

Title: Little Goldstream Creek Bridge Replacement

Region: Northern

Place Name: Nenana

Highway:

Project Description:

Remove and replace the Little Goldstream Creek Bridge #2080 near Nenana. The existing timber structure at Little Goldstream Creek is experiencing abutment erosion and settlement.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: Community Transportation Program</p> <p>Primary Work: Bridge Replacement</p> <p>2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region</p> <p>Borough/Census Area: Yukon-Koyukuk</p> <p>Municipal Planning Org. (MPO): non-MPO</p>	<p>Sponsor: Goldstream Community Association</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: LOCAL</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 25596

Title: Rosie Creek Road Improvements

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Improve Rosie Creek Road from Chena Ridge to Becker Ridge, to include alignment, shoulder work, repair and overlay of pavement, and improving the intersection at Chena Ridge.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	3PF	0	42,892	0	
Design	ACC	-545,820	0	0	
Design	STP	545,820	432,108	0	
Right of Way	3PF	0	45,150	0	
Right of Way	STP	0	454,850	0	
Utilities	3PF	0	0	4,515	
Utilities	STP	0	0	45,485	
Totals:		0	975,000	50,000	3,000,000

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 293
2013 Election District: 5 Chena Ridge/Airport	Criteria: Urban and Rural
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 25598

Title: Richardson Highway Mile Point 358-364 (Milepost 357-362) Bicycle/Pedestrian Path

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Construct a paved bicycle/pedestrian path on the Richardson Highway starting from the Richardson Highway/Airport Way intersection, continuing along the Richardson Highway to the Badger Loop North Bound Ramp, and terminating at the Badger Road/Old Richardson Highway intersection.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	3,835,000

Program: Trails and Recreational Access for Alaska	Sponsor: _____
Primary Work: New Construction	PEB Score: 341
2013 Election District: 2 Fairbanks/Wainwright	Criteria: TRAAK
Borough/Census Area: Fairbanks North Star Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26057

Title: Nome Port Road Improvements

Region: Northern

Place Name: Nome

Highway:

Project Description:

Widen and resurface the existing Port Road, including but not limited to: drainage improvements, safety improvements and pedestrian facilities.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	3PF	18,060	0	0	
Design	SM	18,060	0	0	
Design	STP	363,880	0	0	
Right of Way	3PF	0	6,772	0	
Right of Way	SM	0	6,773	0	
Right of Way	STP	0	136,455	0	
Construction	3PF	0	0	320,565	
Construction	AC	0	0	6,458,870	
Construction	SM	0	0	320,565	
Utilities	3PF	0	4,515	0	
Utilities	SM	0	4,515	0	
Utilities	STP	0	90,970	0	
Totals:		400,000	250,000	7,100,000	6,458,870

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 288
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: Urban and Rural
Borough/Census Area: Nome	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26076

Title: Aurora Drive-Noyes Slough Bridge Replacement

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Replace the Noyes Slough Bridge on Aurora Drive in Fairbanks.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	SM	0	35,217	0	
Right of Way	STP	0	354,782	0	
Utilities	SM	0	27,090	0	
Utilities	STP	0	272,910	0	
Totals:		0	689,999	0	7,250,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 1 Downtown Fairbanks	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): FMATS	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26080
Title: Gold Mine Trail Road Upgrade
Region: Northern
Place Name: Fairbanks
Highway:

Project Description:
 Upgrade and pave approximately 4,750 feet of Gold Mine Trail and replace guardrail. Realign two 90 degree turns as it approaches the Steese Highway with possible realignment of the intersection with the Steese.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: <u>Community Transportation Program</u></p> <p>Primary Work: <u>Reconstruction</u></p> <p>2013 Election District: <u>4 Western Fairbanks</u></p> <p>Borough/Census Area: <u>Fairbanks North Star Borough</u></p> <p>Municipal Planning Org. (MPO): <u>non-MPO</u></p>	<p>Sponsor: _____</p> <p>PEB Score: <u>356</u></p> <p>Criteria: <u>Urban and Rural</u></p> <p>Functional Class: <u>PRINCIPAL ARTERIAL - OTHER</u></p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26081

Title: Selawik Footbridge Rehabilitation

Region: Northern

Place Name: Selawik

Highway:

Project Description:

Rehabilitate East Fork Footbridge #1292 and West Fork Footbridge #1401. Work will include repair or replacement of surface boards, install a traction system, repair railing on the access ramps, repair steel cross bracing, and foundation repairs.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	SM	99,330	0	0	
Construction	STP	1,000,670	0	0	
Totals:		1,100,000	0	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: Bridge Rehabilitation	PEB Score: 370
2013 Election District: 40 Arctic	Criteria: Remote and Trails
Borough/Census Area: Northwest Arctic Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26082

Title: Old Steese Highway Reconstruction

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Reconstruct the Old Steese Highway from Wendell Street Bridge to the intersection at Johansen Expressway.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	0	0	90,300	
Design	STP	0	0	909,700	
Totals:		0	0	1,000,000	23,000,000

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 369
2013 Election District: 4 Western Fairbanks	Criteria: Urban and Rural
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26085

Title: Nome Seppala Drive Rehabilitation

Region: Northern

Place Name: Nome

Highway:

Project Description:

Realign and rehabilitate Seppala Drive in Nome from the intersection of Bering Street to the intersection of Airport Terminal Road.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	72,240	0	0	
Design	STP	727,760	0	0	
Right of Way	SM	0	27,090	0	
Right of Way	STP	0	272,910	0	
Construction	AC	0	0	8,642,150	
Construction	SM	0	0	857,850	
Utilities	SM	0	270,900	0	
Utilities	STP	0	2,729,100	0	
Totals:		800,000	3,300,000	9,500,000	8,642,150

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 349
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: Urban and Rural
Borough/Census Area: Nome	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26155

Title: Nome Bering Street Rehabilitation

Region: Northern

Place Name: Nome

Highway:

Project Description:

Repave Bering Street from Front Street to the intersection of Greg Kruschek Ave/Little Creek Road. Project will include minimal drainage improvements, asphalt repair, improve curb ramps to meet ADA standards as required according to the Alaska Highway Preconstruction Manual, and constructing a pedestrian facility path from the existing sidewalk to the end of the project.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	SM	0	5,418	0	
Right of Way	STP	0	54,582	0	
Construction	AC	0	1,311,308	0	
Construction	ACC	0	0	-1,311,308	
Construction	SM	0	328,692	0	
Construction	STP	0	2,000,000	1,311,308	
Utilities	SM	0	23,930	0	
Utilities	STP	0	241,070	0	
Totals:		0	3,965,000	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 349
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: Urban and Rural
Borough/Census Area: Nome	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26156

Title: Nome Center Creek Road Rehabilitation

Region: Northern

Place Name: Nome

Highway:

Project Description:

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-shape, pave, install signage and road markers.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	67,725	22,575	0	
Design	STP	682,275	227,425	0	
Totals:		750,000	250,000	0	12,350,000

Program:	Community Transportation Program	Sponsor:	
Primary Work:	System Preservation	PEB Score:	335
2013 Election District:	39 Bering Straits/Yukon Delta	Criteria:	Urban and Rural
Borough/Census Area:	Nome	Functional Class:	LOCAL
Municipal Planning Org. (MPO):	not identified		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26157

Title: Parks Highway Mile Point 195-196 (Milepost 231) Enhancements

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Construct dedicated pedestrian facilities at McKinley Village, including intersection improvements, a rest area, and trail and pedestrian facility connections and replacing the Nenana River Park Boundary Bridge #0694.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	2,000,000	0	0	
Design	SM	198,527	0	0	
Right of Way	NHPP	0	45,485	0	
Right of Way	SM	0	4,515	0	
Totals:		2,198,527	50,000	0	28,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Transportation Enhancements	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Denali Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26161

Title: Fairbanks Air Quality Planning Project

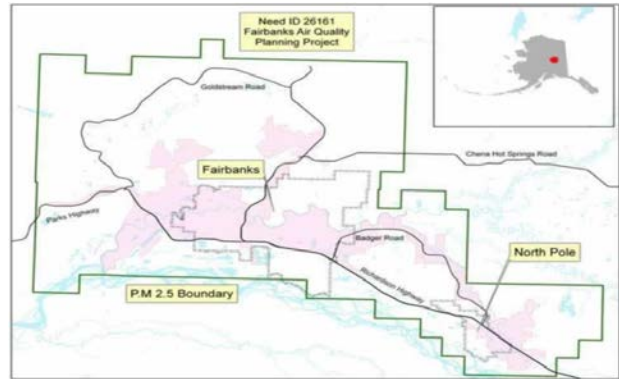
Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

The goal of this project is to update the local transportation model and EPA mobile source emission model. Fairbanks is a newly designated PM 2.5 non-attainment area and also a CO Maintenance area. An up to date transportation model and EPA mobile source emission model are needed for on-going transportation and air quality planning activities in the community. This project will provide funding to conduct federally mandated Air Quality Conformity Analysis for all long range and short term planning documentation.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	CMAQ-F	72,776	72,776	72,776	
Other / Miscellaneous	SM	7,224	7,224	7,224	
Totals:		80,000	80,000	80,000	160,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Congestion	PEB Score: _____
2013 Election District: 5 Chena Ridge/Airport	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27010

Title: Northern Region Signal Interconnect

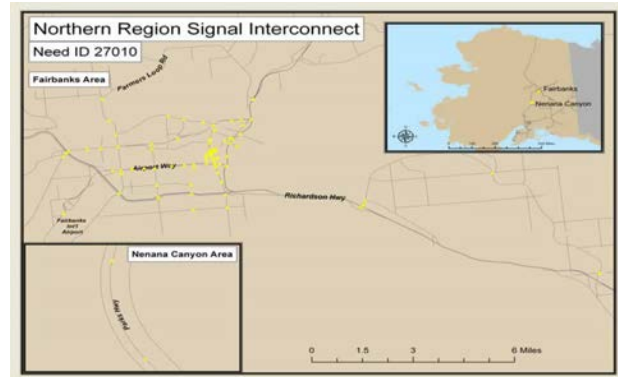
Region: Northern

Place Name: Northern Region

Highway:

Project Description:

Improve capabilities of the Northern Region to communicate with signals, allowing for troubleshooting, signal timing modifications, and monitoring at single/multiple location(s). Project will include upgrades at NR Headquarters and incorporate improvements to interconnecting communication systems (for security and reliability), controller upgrades, signal timing plans, and other related items. Provide any related items and Training, Maintenance, and Operational funding as allowed by ITS.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	-605,461	0	0	
Construction	CMAQ-F	0	75,000	0	
Construction	CMAQ-M	4,548,500	4,473,500	4,548,500	
Construction	SM	451,500	451,500	451,500	
Totals:		4,394,539	5,000,000	5,000,000	0

Program: Community Transportation Program	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 60 Fairbanks Areawide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27049

Title: Whitshed Road and Pedestrian Improvements

Region: Northern

Place Name: Cordova

Highway:

Project Description:

Provide pedestrian accommodations along Whitshed Road from the intersection with the Copper River Highway to the intersection with Orca Inlet Drive. Approximately .75 miles in length.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	3PF	0	27,090	0	
Right of Way	SM	0	27,090	0	
Right of Way	STP	0	545,820	0	
Utilities	3PF	0	0	4,515	
Utilities	SM	0	0	4,515	
Utilities	STP	0	0	90,970	
Totals:		0	600,000	100,000	7,500,000

Program: Community Transportation Program	Sponsor: City of Cordova
Primary Work: New Construction	PEB Score:
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria:
Borough/Census Area: Valdez-Cordova	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27524

Title: Denali Highway Mile Point 24-25 (Milepost 22) Rock Creek Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Denali Highway

Project Description:

Replace Rock Creek Bridge #0684 on the Denali Highway.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	4,500,000

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27525

Title: McCarthy Road Mile Point 60-61 (Milepost 27) Chokosna River Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Edgerton Highway

Project Description:

Replace the Chokosna River Bridge #1193 of McCarthy Road, (aka Edgerton Hwy/McCarthy Road). Work may include minor realignment to facilitate construction of the new bridge.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	22,575	0	0	
Design	STP	227,425	0	0	
Totals:		250,000	0	0	5,700,000

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27542

Title: Chena Hot Springs Road Mile Point 0-6 (Milepost 0 to 6)

Rehabilitation

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Rehabilitate Chena Hot Springs Road.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	54,180	0	0	
Design	STP	545,820	0	0	
Construction	SM	0	1,535,100	0	
Construction	STP	0	15,464,900	0	
Utilities	SM	0	22,575	0	
Utilities	STP	0	227,425	0	
Totals:		600,000	17,250,000	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 60 Fairbanks Areawide	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): FMATS	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28069

Title: Richardson Highway Mile Point 360-361 (Milepost 359)

Railroad Grade Separated Facility

Region: Northern

Place Name: Fairbanks

Highway: Richardson Highway

Project Description:

Construct grade-separated facility on the Richardson Highway to reduce railroad/vehicle conflicts; improve connectivity with the Old Richardson Highway; and provide Fort Wainwright south gate access.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	0	1,333,752	0	
Design	SM	0	94,248	0	
Right of Way	NHPP	0	467,000	0	
Right of Way	SM	0	33,000	0	
Utilities	NHPP	0	909,700	0	
Utilities	SM	0	90,300	0	
Totals:		0	2,928,000	0	38,500,000

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 2 Fairbanks/Wainwright	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: Interstate
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28109

Title: Kivalina Evacuation and School Site Access Road and Bridge

Region: Northern

Place Name: Kivalina

Highway: N/A

Project Description:

Construct an access road to the new Kivalina school site near Kisimiguiutq Hill. This is the overall design for the entire project. The construction will be delivered in two stages under NID 31778 and this NID 28109. This final stage of construction will include approaches and new bridge #2344 in the Kivalina lagoon to connect Kivalina barrier island to the mainland evacuation road.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	3PF	18,060	0	0	
Right of Way	SFF	181,940	0	0	
Construction	3PF	2,257,500	0	0	
Construction	SFF	22,742,500	0	0	
Totals:		25,200,000	0	0	0

Program: Community Transportation Program	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 40 Arctic	Criteria: _____
Borough/Census Area: Northwest Arctic Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28429

Title: Parks Highway Mile Point 147-157 (Milepost 183-192)

Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Reconstruct the Parks Highway and replace the East Fork Chulitna River Bridge #0260.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Utilities	NHPP	0	1,401,000	0	
Utilities	SM	0	99,000	0	
Totals:		0	1,500,000	0	46,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29232

Title: Committed Measures for the Fairbanks SIP

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

This project is to fund committed measures identified in the Fairbanks SIP that addresses the Fairbanks PM2.5 non-attainment.

ALASKA DEPARTMENT OF
ENVIRONMENTAL CONSERVATION



18 AAC 50 AIR QUALITY CONTROL
Proposed Regulation Changes Pertaining to:
State Air Quality Control Plan

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	CMAQ-M	1,728,430	1,728,430	1,728,430	
Multi-Phase Activity	SM	171,570	171,570	171,570	
Totals:		1,900,000	1,900,000	1,900,000	3,800,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Congestion	PEB Score: _____
2013 Election District: 5 Chena Ridge/Airport	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29651

Title: Chena Hot Springs Road Jenny M Creek Bridge Replacement

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Replace the Jenny M Creek bridge #312 on Chena Hot Springs Road.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	-4,116,251	0	0	
Construction	STP	4,116,251	0	0	
Totals:		0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29655

Title: University Ave Rehabilitation: Thomas St to Chena River (Segment I)

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Widen and reconstruct University Avenue to current standards from Thomas Street to the Chena River, including replacement of University Ave Bridge #0263. This project is associated with NIDs 29656, 31155, 31577, 31578, and the parent design project NID 3821.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	21,000,000

<p>Program: National Highway System</p> <p>Primary Work: System Preservation</p> <p>2013 Election District: 5 Chena Ridge/Airport</p> <p>Borough/Census Area: Fairbanks North Star Borough</p> <p>Municipal Planning Org. (MPO): not identified</p> <p>Performance Measures: Bridge, Pavement, Safety</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29656

Title: University Ave Rehabilitation: Chena River to Parks Highway (Segment II)

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Widen and reconstruct University Avenue to current standards from the Chena River to the Parks Highway. This project is associated with NID 29655, 31155, 31577, 31578, and the parent design project NID 3821.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	NHPP	0	9,343,937	0	
Construction	SFF	0	8,850,063	0	
Construction	SM	0	1,806,000	0	
Totals:		0	20,000,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 5 Chena Ridge/Airport	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29657

Title: Northern Region Atmospheric Data Equipment Installation & Upgrades

Region: Northern

Place Name: Various

Highway: N/A

Project Description:

Install five Road Weather Information System (RWIS) sites throughout the region to support the Northern Region Maintenance Decision Support System (MDSS). Upgrade existing temperature data probe equipment and communications to full RWIS reporting capability. The RWIS information will be available directly to the MDSS program and will be posted on the 511 traveler information and RWIS web sites.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	SM	67,725	0	0	
Construction	STP	682,275	0	0	
Totals:		750,000	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 93 Northern Region	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29809

Title: Richardson Highway Mile Point 175-188 (Milepost 173-185) Reconstruction & Widening

Region: Northern

Place Name: Various

Highway: Richardson Highway

Project Description:

Reconstruct and widen the Richardson Highway.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	0	0	909,700	
Design	SM	0	0	90,300	
Totals:		0	0	1,000,000	21,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29810

Title: Richardson Highway Mile Point 208-238 (Milepost 206-235) Reconstruction & Bridge Replace

Region: Northern

Place Name: Various

Highway: Richardson Highway



Project Description:

Reconstruct the Richardson Highway including replacement of Upper Miller Creek Bridge #0581, Lower Miller Creek Bridge #0582, Castner Creek Bridge #0583 and Bear Creek Bridge #0593. This project will be constructed in four stages, under NID 31282, NID 31283, NID 31284, and this NID 29810.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-2,092,310	0	0	
Design	NHPP	2,092,310	2,920,137	0	
Design	SM	0	289,863	0	
Utilities	NHPP	0	0	909,700	
Utilities	SM	0	0	90,300	
Totals:		0	3,210,000	1,000,000	83,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Southeast Fairbanks	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29811

Title: Richardson Highway Mile Point 268-343 (Milepost 266-341) Passing Lanes (Delta Jct to Eielson)

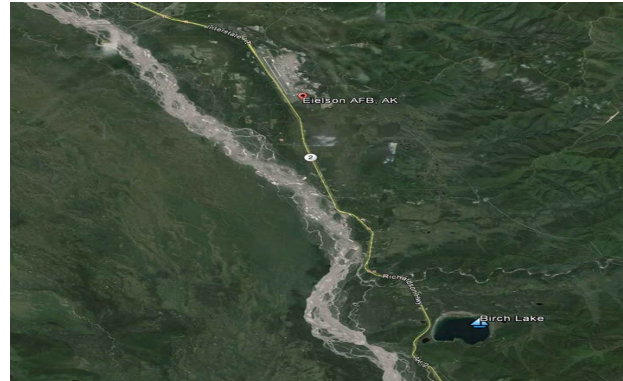
Region: Northern

Place Name: Various

Highway: Richardson Highway

Project Description:

Construct passing lanes at various locations (yet to be determined) on the Richardson Highway to improve safety. Including intersection improvements at the southern access of Eielson Air Force Base to accommodate freight volumes in support of the addition of two F-35A aircraft squadrons. This is the overall design for the entire termini. Construction will happen in two stages under NID 30284 and this NID 29811.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	0	1,364,550	0	
Design	SM	0	135,450	0	
Totals:		0	1,500,000	0	25,000,000

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29812

Title: Richardson Highway Mile Point 117-151 (Milepost 115-148) Rehabilitation & Widening

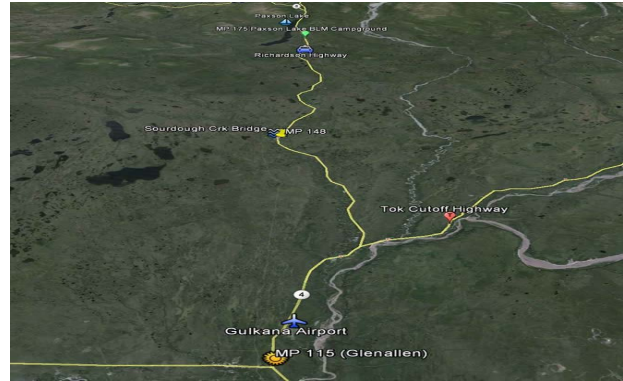
Region: Northern

Place Name: Gakona

Highway: Richardson Highway

Project Description:

Rehabilitate the Richardson Highway including rehabilitation of Gulkana River Bridge #0574. Construction will happen in two stages, under NID 31286 and this NID 29812.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	181,940	0	0	
Right of Way	SM	18,060	0	0	
Utilities	NHPP	454,850	0	0	
Utilities	SM	45,150	0	0	
Totals:		700,000	0	0	36,000,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29829

Title: Steese Expressway / Johansen Expressway Interchange

Region: Northern

Place Name: Fairbanks

Highway: Steese Highway

Project Description:

Construct a grade separated interchange at the intersection of Steese Expressway and Johansen Expressway. Realign adjacent access as necessary to accommodate the selected interchange configuration



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	0	2,274,250	0	
Design	SM	0	225,750	0	
Right of Way	NHPP	0	0	2,729,100	
Right of Way	SM	0	0	270,900	
Utilities	NHPP	0	0	909,700	
Utilities	SM	0	0	90,300	
Totals:		0	2,500,000	4,000,000	31,000,000

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 2 Fairbanks/Wainwright	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - FREEWAY/EXPRESSWAY
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ, Safety, Travel Time	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29880

Title: Tazlina Bike and Pedestrian Pathway

Region: Northern

Place Name: Tazlina

Highway: Richardson Highway

Project Description:

Design and construct a 10' wide pedestrian/bicycle pathway from Glennallen through Tazlina, and into Copper Center within the existing DOT&PF right-of-way, 10.9 miles in length. The project also includes a pedestrian bridge, approximately 469 feet in length. This is a Federal Lands Access Program (FLAP) award. (To be delivered by Western Federal Lands Division.)



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: Federal Lands Access Program</p> <p>Primary Work: Transportation Enhancements</p> <p>2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region</p> <p>Borough/Census Area: Valdez-Cordova</p> <p>Municipal Planning Org. (MPO): non-MPO</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29881
Title: Airport Way Drainage
Region: Northern
Place Name: Fairbanks
Highway: N/A



Project Description:
 Improve roadway drainage by replacing drainage structures, reconfiguring roadway geometry and frontage road separation, grading, and adjusting utilities. This project will also address ADA compliance and associated drainage needs.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	0	0	545,820	
Design	SM	0	0	54,180	
Totals:		0	0	600,000	9,700,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 1 Downtown Fairbanks	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29909
Title: Weigh-In-Motion (WIM) Program
Region: Northern
Place Name: Fairbanks
Highway: Richardson Highway

Project Description:
 Design and installation of federally required Weigh-in-Motion (WIM) equipment sites on the Richardson Highway (at the existing weigh station) and on the Parks Highway near Ester.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 5 Chena Ridge/Airport	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29973

Title: Richardson Highway Mile Point 68-84 (Milepost 65-80)
Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Restore the structural integrity of the Richardson Highway including upgrades and improvements to drainage and safety.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	591,305	0	0	
Design	SM	58,695	0	0	
Totals:		650,000	0	0	20,500,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30069

Title: Richardson Highway Mile Point 351-355 (Milepost 350 - 353) Access Improvements

Region: Northern

Place Name: Fairbanks

Highway: Richardson Highway

Project Description:

Improve existing access control including development of frontage roads on the Richardson Highway. Work includes resurfacing the Richardson Highway, improving and consolidating intersections, and grade separation of the Alaska Railroad crossing.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	0	0	1,637,460	
Design	SM	0	0	162,540	
Totals:		0	0	1,800,000	38,000,000

Program:	National Highway System	Sponsor:	
Primary Work:	New Construction	PEB Score:	
2013 Election District:	5 Chena Ridge/Airport	Criteria:	
Borough/Census Area:	Fairbanks North Star Borough	Functional Class:	INTERSTATE
Municipal Planning Org. (MPO):	non-MPO		
Performance Measures:	Pavement, Safety		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30150

Title: Steese Highway Mile Point 4-6 (Milepost 4.5) (CHSR)
Off-Ramp Bypass Lane

Region: Northern

Place Name: Fairbanks

Highway: Steese Highway

Project Description:

Construct a bypass lane and retaining wall at the Steese Highway north bound ramp to Chena Hot Springs Road.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	136,455	0	0	
Right of Way	SM	13,545	0	0	
Construction	NHPP	0	363,880	0	
Construction	SM	0	36,120	0	
Totals:		150,000	400,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 4 Western Fairbanks	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30196
Title: Eyak River Recreation Area Rehabilitation
Region: Northern
Place Name: Eyak
Highway: N/A



Project Description:
 Re-route the direction of traffic entering the Eyak River boating site by creating an alternative access road into the site, widening and improving the boat ramp and parking area, redesigning the boat launch and providing more clearly defined parking spaces. (To be delivered by Chugach National Forest.)

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: Federal Lands Access Program</p> <p>Primary Work: Transportation Enhancements</p> <p>2013 Election District: 32 Kodiak/Cordova/Seldovia</p> <p>Borough/Census Area: Valdez-Cordova</p> <p>Municipal Planning Org. (MPO): non-MPO</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: LOCAL</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30270

Title: Dalton Highway Mile Point 120-136 (Milepost 120-135)
Reconstruction (Pung Creek to Prospect Creek)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, spot repairs and resurfacing of approximately 15 miles of the Dalton Highway. This project is associated with NID 30276 and the parent design project NID 22452.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	25,000,000

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 40 Arctic</p> <p>Borough/Census Area: Yukon-Koyukuk</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Bridge, Pavement, Safety</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30276
Title: Dalton Highway Mile Point 109-121 (Milepost 109-120)
 Reconstruction
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway



Project Description:
 Reconstruction, including widening, spot repairs and resurfacing of approximately 9 miles of the Dalton Highway. This project is associated with NID 30270 and the parent design project NID 22452.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	25,000,000

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 40 Arctic</p> <p>Borough/Census Area: Yukon-Koyukuk</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Bridge, Pavement, Safety</p>	<p>Sponsor: DOT&PF</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30277

Title: Dalton Highway Mile Point 210-224 (Milepost 209-222)
Reconstruction (Owen Creek to Chandalar Shelf)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, spot repairs, resurfacing, and replacing Owen Creek culvert #4049. This is the first segment of construction and the second segment is NID 30286. The final segment will pave the entire length under the parent design, NID 22476.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 40 Arctic</p> <p>Borough/Census Area: North Slope Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Bridge</p>	<p>Sponsor: DOT&PF</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30278

Title: Parks Hwy Mile Point 127-139 (Milepost 163-168.5, 169.5-174) Rehabilitation, excluding R/R crossing

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Rehabilitate the Parks Highway to improve drainage and construct passing lanes. The grade separated crossing will take place under Need ID 22331, the parent design project and also associated with NID 30279.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	19,614,000	0	
Construction	SM	0	1,386,000	0	
Totals:		0	21,000,000	0	19,614,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30279

Title: Parks Highway Mile Point 138-148 (Milepost 174-183)

Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Rehabilitate the Parks Highway to improve drainage, construct passing lanes and realign the Little Honolulu crossing, #7037. This project is associated with NID 22331 and NID 30278.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	23,000,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30280
Title: Alaska Highway Mile Point 12-29 (Milepost 1235-1251)
 Rehabilitation
Region: Northern
Place Name: Northern Region
Highway: Alaska Highway



Project Description:
 Rehabilitate the Alaska Highway, including possible repairs to Gardiner Creek bridge #0503. This project is also associated with NID 22299, the parent design project.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	25,000,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30281
Title: Dalton Highway Mile Point 306-317 (Milepost 305-314)
 Reconstruction
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway



Project Description:
 Reconstruct and widen the Dalton Highway, Construction will happen in 3 stages, under NID 30281, NID 30282 and the original NID 22475.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	18,000,000

<p>Program: <u>National Highway System</u></p> <p>Primary Work: <u>Reconstruction</u></p> <p>2013 Election District: <u>40 Arctic</u></p> <p>Borough/Census Area: <u>North Slope Borough</u></p> <p>Municipal Planning Org. (MPO): <u>non-MPO</u></p> <p>Performance Measures: <u>Pavement, Safety</u></p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: <u>PRINCIPAL ARTERIAL - OTHER</u></p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30282
Title: Dalton Highway Mile Point 315-329 (Milepost 314-327)
 Reconstruction
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway



Project Description:
 Reconstruct and widen the Dalton Highway. Construction will happen in 3 stage, under NID 30281, NID 30282 and the original NID 22475.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	50,000,000

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 40 Arctic</p> <p>Borough/Census Area: North Slope Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Pavement, Safety</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30284

Title: Richardson Highway Mile Point 268-307 (Milepost 266-305) Passing Lanes (Delta Jct to Birch Lake)

Region: Northern

Place Name: Delta Junction

Highway: Richardson Highway

Project Description:

Construct passing lanes at various locations (yet to be determined) on the Richardson Highway to improve safety. Construction will happen in three stages, under NID 30284, NID 30449 and the original NID 29811.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	1,455,520	0	0	
Design	SM	144,480	0	0	
Totals:		1,600,000	0	0	25,000,000

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30285

Title: Dalton Highway Mile Point 18-26 (Milepost 18-25)

Reconstruction and Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, spot repairs and resurfacing of approximately 7 miles of the Dalton Highway in the Hess Creek Area, including replacement of Hess Creek Bridge #1213. This project is also associated with 22446.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	25,000,000

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region</p> <p>Borough/Census Area: Yukon-Koyukuk</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Bridge, Pavement, Safety</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30286

Title: Dalton Highway Mile Point 223-238 (Milepost 222-235)

Reconstruction and Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, spot repairs, resurfacing 13 miles, and replacing Nutirwik Creek bridge #1515. Construction will happen in three segments under NID 30277, 30286.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: <u>National Highway System</u></p> <p>Primary Work: <u>Reconstruction</u></p> <p>2013 Election District: <u>40 Arctic</u></p> <p>Borough/Census Area: <u>North Slope Borough</u></p> <p>Municipal Planning Org. (MPO): <u>non-MPO</u></p> <p>Performance Measures: <u>Pavement, Safety</u></p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: <u>PRINCIPAL ARTERIAL - OTHER</u></p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30369

Title: Northern Region ADA Reconnaissance and Improvements

Region: Northern

Place Name: Northern Region

Highway: N/A

Project Description:

This project will design and construct improvements recommended by the Northern Region ADA Reconnaissance Study.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	13,545	22,575	0	
Design	STP	136,455	227,425	0	
Right of Way	SM	0	9,030	0	
Right of Way	STP	0	90,970	0	
Construction	SM	0	0	180,600	
Construction	STP	0	0	1,819,400	
Utilities	SM	0	9,030	0	
Utilities	STP	0	90,970	0	
Totals:		150,000	450,000	2,000,000	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 93 Northern Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30391

Title: Dalton Highway Wetlands Mitigation

Region: Northern

Place Name: Various

Highway: Dalton Highway

Project Description:

Perform activities as required to fulfill compensatory mitigation commitments for projects on the Dalton Highway.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: Environmental Only</p> <p>2013 Election District: 40 Arctic</p> <p>Borough/Census Area: North Slope Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: N/A</p>	<p>Sponsor: DOT&PF</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30429

Title: Tok Cutoff Mile Point 37-50 (Milepost 38-50) Rehabilitation

Region: Northern

Place Name: Chistochina

Highway: Tok Cutoff

Project Description:

Rehabilitate the Tok Cutoff. Improvements will include drainage, embankment stabilization and rebuilding the pavement structure. Bridge rail upgrades and deck repairs to Indian River Bridge #0651.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	15,919,750	0	0	
Construction	ACC	0	-15,979,750	0	
Construction	NHPP	15,919,750	15,979,750	0	
Construction	SM	3,160,500	0	0	
Utilities	NHPP	136,455	0	0	
Utilities	SM	13,545	0	0	
Totals:		35,150,000	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30449

Title: Richardson Highway Mile Point 338-340 (Milepost 337)

Eielson AFB Intersection Improvements

Region: Northern

Place Name: Eielson AFB

Highway: Richardson Highway

Project Description:

Intersection improvements at the southern access of the Eielson Air force Base of the Richardson Highway to accommodate additional freight volumes in support of the addition of two F-35A aircraft squadrons. This is associated with the parent design project NID 29811 and NID 30284.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30989

Title: Richardson Highway Mile Point 115-117 (Milepost 113)
Realignment (Slide)

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Realign the Richardson Highway to mitigate the Copper River slide and erosion.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	0	436,656	291,104	
Design	SM	0	43,344	28,896	
Totals:		0	480,000	320,000	4,000,000

Program:	National Highway System	Sponsor:	
Primary Work:	Reconstruction	PEB Score:	
2013 Election District:	6 Eielson/Denali/Upper Yukon/Border Region	Criteria:	
Borough/Census Area:	Unorganized Borough	Functional Class:	PRINCIPAL ARTERIAL - FREEWAY/EXPRESSWAY
Municipal Planning Org. (MPO):	non-MPO		
Performance Measures:	Pavement, Safety		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30995

Title: Parks Highway Mile Point 172-175 (Milepost 208-210)

Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Reconstruct the Parks Highway.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	0	636,790	0	
Design	SM	0	63,210	0	
Totals:		0	700,000	0	5,400,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30998

Title: Elliott Highway Milepost 51-63 Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Elliott Highway

Project Description:

Rehabilitate the Elliott Highway from MP 51-MP 63, including the Tolovana Bridge #440. Some segments may require construction of a new alignment and major rehabilitation (MP 52-55). Work includes resurfacing, roadside hardware, drainage improvements, and utilities.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	909,700	0	454,850	
Design	SM	90,300	0	45,150	
Totals:		1,000,000	0	500,000	40,000,000

Program:	National Highway System	Sponsor:	
Primary Work:	Reconstruction	PEB Score:	
2013 Election District:	6 Eielson/Denali/Upper Yukon/Border Region	Criteria:	
Borough/Census Area:	Unorganized Borough	Functional Class:	PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO):	not identified		
Performance Measures:	Bridge, Pavement, Safety		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31155

Title: University Avenue Rehabilitation (Segment 1a)

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Improve the University Avenue intersections at Geist Road and the Johansen Expressway. The improvements are part of the construction of University Avenue Segment 1 and will prepare the intersection for new traffic patterns that will be in place during Segment 1 construction. This project is associated with NID 29655, 29656, 31577, 31578, and the parent design project NID3821.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	0	-2,274,250	0	
Construction	NHPP	0	2,274,250	0	
Totals:		0	0	0	0

Program:	National Highway System	Sponsor:	_____
Primary Work:	Reconstruction	PEB Score:	_____
2013 Election District:	5 Chena Ridge/Airport	Criteria:	_____
Borough/Census Area:	Fairbanks North Star Borough	Functional Class:	PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO):	non-MPO		
Performance Measures:	Pavement, Safety, Travel Time		



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31278

Title: Parks Highway Mile Point 269-283 (Milepost 305-319)

Reconstruction (Stage I of II)

Region: Northern

Place Name: Nenana

Highway: Parks Highway

Project Description:

Reconstruct the Parks Highway. Construction will occur in two stages, NID 31278 and the parent project, NID 22335.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	25,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Denali Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31282

Title: Richardson Highway Mile Point 208-219 (Milepost 206-216) Reconstruction (Stage I of IV)

Region: Northern

Place Name: Various

Highway: Richardson Highway

Project Description:

Reconstruct Richardson Highway including replacement of the Upper Miller Creek Bridge # 0581. This project will be constructed in four segments, under NID 31282, 31282, 31284, and the final segment will be constructed under the parent NID 29810.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	29,900,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31286

Title: Richardson Highway Mile Point 139-151 Milepost 137-148
Rehabilitation and Widening (Stage II of II)

Region: Northern

Place Name: Gakona

Highway: Richardson Highway

Project Description:

Rehabilitate the Richardson Highway. This project will be constructed in two segments, under NID 31286 and the parent NID 29812.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	19,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31516

Title: Fairbanks Road/Rail Crossing Reduction/Realignment Plan

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

The primary purpose of the PLAN is to serve as a long-range road/rail planning document. The PLAN will enable FMATS and its agency partners to implement a more efficient and effective approach to integrate passenger and freight rail elements into the larger multi-modal and intermodal transportation framework.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Planning & Research	EMRK	318,255	0	0	
Planning & Research	SM	31,745	0	0	
Totals:		350,000	0	0	0

Program: Transportation Improvement Program	Sponsor: FMATS
Primary Work: Planning	PEB Score: _____
2013 Election District: 60 Fairbanks Areawide	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): FMATS	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31577

Title: University Ave Rehabilitation: Thomas St. To Chena River
(Segment 1 North)

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Complete University Avenue improvements from new Indiana Avenue to EOP (Thomas St) including final Wolf Run configuration, construction of New Indiana Ave, and portion of Halvorson Road extension. This project is associated with NIDs 31578, 29655, 29656, 31155, and the parent design project 3821.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 5 Chena Ridge/Airport</p> <p>Borough/Census Area: Fairbanks North Star Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Pavement</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31578

Title: University Ave Rehabilitation: Side Streets

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Finish Halvorson, portions of Goldizen and Geraghty Avenue, as well as advance utility relocations as part of the larger University Avenue Rehabilitation project. This project is associated with NIDs 31577, 29655, 29656, 31155, and the parent design project 3821.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 5 Chena Ridge/Airport</p> <p>Borough/Census Area: Fairbanks North Star Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Pavement</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 31596
Title: Winter Trail Marking
Region: Northern
Place Name: Various
Highway: N/A

Project Description:

Mark overland winter trails in Northern and Central Region with semi-permanent trail markers. Trail markers will ensure winter travelers can safely journey between communities in the area.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	9,030	9,030	9,030	
Design	STP	90,970	90,970	90,970	
Construction	SM	67,725	45,150	67,725	
Construction	STP	682,275	454,850	682,275	
Totals:		850,000	600,000	850,000	1,200,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Other	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	
Performance Measures: Safety	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 31656

Title: Chena Pump Road Bike and Pedestrian Facility Rehabilitation

Region: Northern

Place Name: Fairbanks

Highway: N/A



Project Description:

Rehabilitate the existing Chena Pump Road bicycle path between Dartmouth Drive and the Pump House Restaurant.

Improvements include widening Chena Pump Road shoulders between the Pump House Restaurant and Grebe Drive, bridge work on the Cripple Creek pedestrian bridge, drainage and roadside hardware.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	CMAQ-M	0	1,455,520	0	
Construction	SM	0	144,480	0	
Totals:		0	1,600,000	0	0

Program: Trails and Recreational Access for Alaska	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 5 Chena Ridge/Airport	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): FMATS	
Performance Measures: CMAQ	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31778

Title: Kivalina Evacuation and School Site Access Road -
Kivalina Lagoon to Kisimiguiqtuq Hill

Region: Northern

Place Name: Kivalina

Highway: N/A

Project Description:

Construct embankment for Kivalina evacuation road from the mainland side of Kivalina Lagoon to Kisimiguiqtuq Hill (K Hill), including drainage improvements.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	3PF	1,697,640	0	0	
Construction	SFF	17,102,360	0	0	
Totals:		18,800,000	0	0	0

Program: <u>Community Transportation Program</u>	Sponsor: _____
Primary Work: <u>New Construction</u>	PEB Score: _____
2013 Election District: <u>40 Arctic</u>	Criteria: _____
Borough/Census Area: <u>Northwest Arctic Borough</u>	Functional Class: <u>MAJOR COLLECTOR</u>
Municipal Planning Org. (MPO): <u>non-MPO</u>	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31878

Title: Fairbanks North Pole Serious Statewide Implementation Plan

Region: Northern

Place Name: Fairbanks

Highway: N/A



Project Description:

The Fairbanks/North Pole Serious Statewide Implementation Plan will focus on the completion, submission, ensuring EPA approvability and implementation of the Fairbanks/North Pole Serious Statewide Implementation Plan (SIP). This includes the development of a mobile source emission budget for the nonattainment area and FMATS to ensure that the area remains eligible for federal highway funds.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Planning & Research	SM	93,912	93,912	93,912	
Planning & Research	STP	946,088	946,088	946,088	
Totals:		1,040,000	1,040,000	1,040,000	0

Program: Required programs and Preventive Maintenance	Sponsor:
Primary Work: Planning	PEB Score:
2013 Election District: 60 Fairbanks Areawide	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32098

Title: Lower Yukon River Regional Port and Road Renovation Project

Region: Northern

Place Name: Emmonak

Highway: N/A

Project Description:

The project will repair and upgrade approximately 3.5 miles of high-use service roads as well as construct a permanent barge/landing craft ramp and dock/wharf with up to two berths capable of handling 500-ton barges. This is a BUILD grant (Better Utilizing Investments to Leverage Development / BUILD Transportation Discretionary Grant).



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	4,000,000	0	0	
Multi-Phase Activity	BUILD	23,168,722	0	0	
Totals:		27,168,722	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: _____
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32099
Title: Nenana Bridge Project
Region: Northern
Place Name: Nenana
Highway: N/A



Project Description:

This project will construct two permanent fixed bridges across the Nenana River and the Nenana Slough. The project will complete a larger project to provide year round connection between 10th Avenue and Totchaket Road. This is a BUILD grant (Better Utilizing Investments to Leverage Development / BUILD Transportation Discretionary Grant).

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	BUILD	9,174,000	0	0	
Totals:		9,174,000	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: New Bridge Access	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: _____
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32218

Title: Prince William Sound Area Transportation Plan Update

Region: Northern

Place Name: Various

Highway: N/A

Project Description:

Update the 2001 Prince William Sound Area Transportation Plan



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	0	45,150	0	
Other / Miscellaneous	STP	0	454,850	0	
Totals:		0	500,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 32219
Title: Northern Region ITS
Region: Northern
Place Name: Various
Highway: N/A



Project Description:

Purchase, install, repair, replace, redeploy, operate, and maintain, as allowed by ITS regulations, traffic signal, traveler, information, traffic incident management and illumination, and other Intelligent Transportation Systems (ITS) equipment and activities, improving operations such as remote operation of traffic signals, provide traveler information via changeable message signs and 511, and energy/cost saving in roadway illumination.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SM	9,030	22,575	22,575	
Other / Miscellaneous	STP	90,970	227,425	227,425	
Totals:		100,000	250,000	250,000	500,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 93 Northern Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	





Southcoast Region Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the Southcoast Region planning manager: Phone: (907) 465-8864 Email: jim.potdevin@alaska.gov

2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 2436

Title: Kodiak - Otmeloi Way Reconstruction

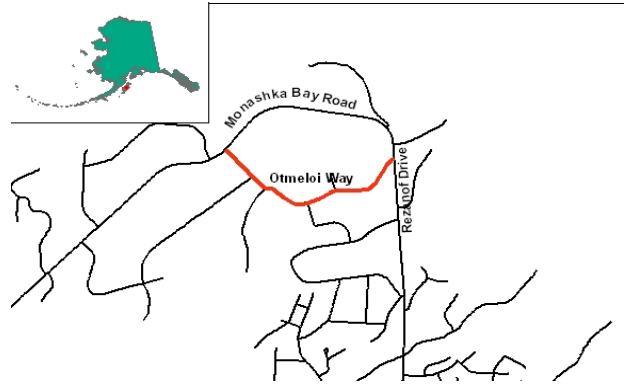
Region: Southcoast

Place Name: Kodiak

Highway: N/A

Project Description:

Reconstruct approximately one mile of Otmeloi Way. Road improvements will include grading, drainage, paving, and construction of pedestrian facilities. Realignment and lighting as needed. Upon completion, ownership and maintenance responsibility for Otmeloi Way and associated facilities will be transferred to the Kodiak Island Borough.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	OSF	0	0	500,000	
Construction	ILLU	0	0	3,400,000	
Construction	OSF	0	0	1,450,000	
Utilities	OSF	0	0	750,000	
Totals:		0	0	6,100,000	0

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: 123.8
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: Urban and Rural
Borough/Census Area: Kodiak Island Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 7174

Title: Highway Safety Improvement Program/Safety Management

Region: Southcoast

Place Name: Southcoast Region

Highway:

Project Description:

HSIP Management, studies and responses on safety-related issues.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Other / Miscellaneous	SA	180,000	180,000	180,000	
Other / Miscellaneous	SM	20,000	20,000	20,000	
Totals:		200,000	200,000	200,000	400,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Planning	PEB Score:
2013 Election District: 91 Southcoast Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 8990

Title: Ketchikan - Water Street Trestle No. 1 Improvement

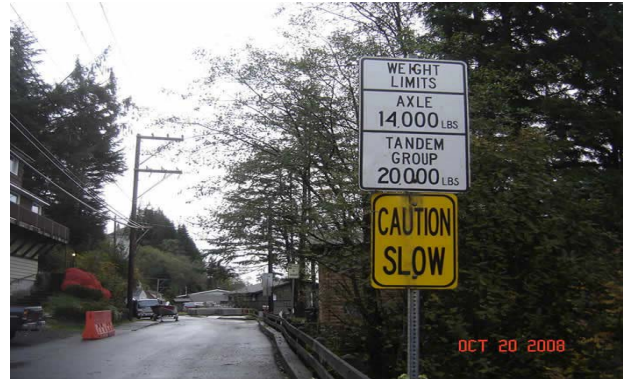
Region: Southcoast

Place Name: Ketchikan

Highway:

Project Description:

Replace or rehabilitate Water Street Trestle No. 1 (No. 389)



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	3PF	0	207,690	0	
Construction	STP	0	2,092,310	0	
Utilities	3PF	0	9,030	0	
Utilities	STP	0	90,970	0	
Totals:		0	2,400,000	0	0

Program: Community Transportation Program	Sponsor: City of Ketchikan
Primary Work: Bridge Rehabilitation	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: Urban and Rural
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 16065

Title: Industrial Boulevard Widening and Sidewalk

Region: Southcoast

Place Name: Juneau

Highway:

Project Description:

Widen the paved surface and add curb, gutter and sidewalk on the west side from Glacier Highway to Maier Drive. Includes drainage, lighting improvements, including improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	3PF	1,184,325	0	0	
Construction	STP	4,552,975	0	0	
Utilities	3PF	7,500	0	0	
Utilities	STP	22,500	0	0	
Totals:		5,767,300	0	0	0

Program: Community Transportation Program	Sponsor: City and Borough of Juneau
Primary Work: Reconstruction	PEB Score: 119.8
2013 Election District: 34 Mendenhall Valley	Criteria: Urban and Rural
Borough/Census Area: Juneau, City and Borough of	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 18922

Title: Pavement and Bridge Rehabilitation

Region: Southcoast

Place Name: Southcoast Region

Highway:

Project Description:

Crack sealing, surface treatment drainage, signage, guardrail, illumination and other refurbishments to prolong the life of road pavement and bridges and their safety related structures. Project includes NHS Lane Delineators, Destination & Distance Signing, Pavement Markings and Signalization, Abandoned Vehicle Program, Road Surfacing and Transfer and Road Surface Treatments.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	NHPP	4,548,500	4,548,500	4,548,500	
Multi-Phase Activity	SM	1,354,500	1,354,500	1,354,500	
Multi-Phase Activity	STP	9,097,000	9,097,000	9,097,000	
Totals:		15,000,000	15,000,000	15,000,000	30,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 91 Southcoast Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 21114

Title: Ketchikan - S. Tongass Hwy Improvements Deermount to Saxman

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Reconstruct roadway and related non-motorized facilities, as necessary, to improve safe movement of vehicle, bicycle and pedestrian traffic on Stedman and South Tongass Hwy. Project begins at approximately Deermount Street and ends approximately 0.2 miles before Totem St. in Saxman; total project length is about 2 miles long. Include pedestrian and bicycle improvements as needed throughout the project with improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-1,483,793	0	0	
Design	STP	1,483,793	0	0	
Right of Way	ACC	-4,727,270	0	0	
Right of Way	STP	4,727,270	0	0	
Construction	AC	0	0	13,481,754	
Construction	SM	0	0	1,338,246	
Utilities	SM	0	0	36,120	
Utilities	STP	0	0	363,880	
Totals:		0	0	15,220,000	13,481,754

Program: Alaska Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: Urban and Rural
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 22279

Title: Haines Hwy Reconstruction & Chilkat Bridge Replacement:
Mile Point 22 to 25 (Milepost 23 to 25.3)

Region: Southcoast

Place Name: Haines

Highway: Haines Highway



Project Description:

Replace bridge #742. Possible 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 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.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	NHPP	0	0	16,556,540	
Construction	SM	0	0	1,643,460	
Utilities	NHPP	0	0	545,820	
Utilities	SM	0	0	54,180	
Totals:		0	0	18,800,000	0

Program: National Highway System	Sponsor: SOA DOT&PF SER
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: _____
Borough/Census Area: Haines Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 23055

Title: Repair or Replace Rink Creek Bridge

Region: Southcoast

Place Name: Gustavus

Highway:

Project Description:

Remove existing Rink Creek Bridge, #2203 and replace with adequate structure which will provide access to the Falls Creek Hydroelectric Project and must be designed to accommodate heavy vehicles. Project spans the length of the bridge plus tie in to the road only.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: <u>Community Transportation Program</u>	Sponsor: <u>City of Gustavus</u>
Primary Work: <u>Bridge Replacement</u>	PEB Score: _____
2013 Election District: <u>33 Downtown Juneau/Douglas/Haines/Skagway</u>	Criteria: _____
Borough/Census Area: <u>Hoonah-Angoon Census Area</u>	Functional Class: <u>MINOR COLLECTOR</u>
Municipal Planning Org. (MPO): <u>non-MPO</u>	

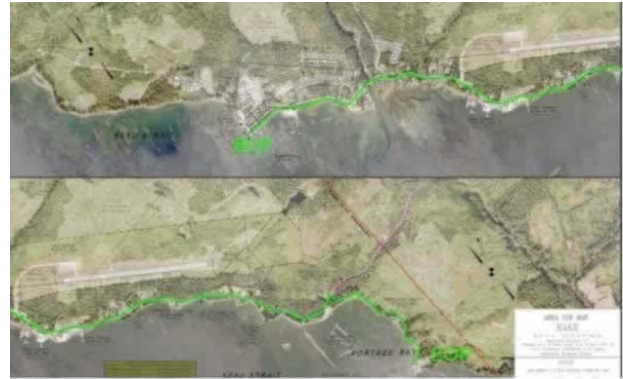


2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 23375
Title: Keku Road Rehabilitation
Region: Southcoast
Place Name: Kake
Highway:

Project Description:

Rehabilitate Church/Canadian Side, Silver Spike, Keku, and Boat Harbor Spur Roads from Sixth Street to Portage Bay Boat Harbor for a total length of approximately 3 miles. Pavement resurfacing is needed along the length of the project; sub-grade repairs, embankment stabilization, and riprap repairs are needed in localized settlement areas. Repair, adjust, or relocate roadside appurtenances, such as guardrail and utilities, as necessary.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Community Transportation Program	Sponsor: SER DOT&PF
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 35 Sitka/Petersburg	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 23455

Title: Ketchikan - S Tongass Hwy Improvements Saxman to Surf St

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Reconstruct South Tongass Highway from Saxman to Surf Street. Construct pedestrian facilities through this segment on the water side. Construct guardrail and drainage improvements as needed.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-1,028,944	0	0	
Design	STP	1,028,944	0	0	
Right of Way	ACC	-989,074	0	0	
Right of Way	STP	989,074	0	0	
Construction	SM	0	0	644,742	
Construction	STP	0	0	6,495,258	
Utilities	AC	0	0	1,819,400	
Utilities	SM	0	0	180,600	
Totals:		0	0	9,140,000	1,819,400

Program: Alaska Highway System	Sponsor: SER DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 23475

Title: Glacier Highway Reconstruction: Fritz Cove Road to Seaview Avenue

Region: Southcoast

Place Name: Juneau

Highway: Glacier Highway



Project Description:

Reconstruct Glacier Highway between Fritz Cove Road and Seaview Avenue at Auke Bay to reconstruct segments of road sub-base, widen roadway, flatten curve alignments, improve intersections, drainage systems, resurface roadway, lighting, guardrail, improve bicycle and pedestrian facilities including improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual, and add a center turn lane through the Auke Bay business area. Total length of project is approximately one mile.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: <u>National Highway System</u></p> <p>Primary Work: <u>Reconstruction</u></p> <p>2013 Election District: <u>34 Mendenhall Valley</u></p> <p>Borough/Census Area: <u>Juneau, City and Borough of</u></p> <p>Municipal Planning Org. (MPO): <u>non-MPO</u></p> <p>Performance Measures: <u>Safety, Travel Time</u></p>	<p>Sponsor: <u>SER DOT&PF</u></p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: <u>PRINCIPAL ARTERIAL - OTHER</u></p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 23563

Title: Egan Drive Improvements - Main St to 10th St.

Region: Southcoast

Place Name: Juneau

Highway:

Project Description:

Resurface Egan Drive from Main Street to 10th Street. Replace retaining wall under Merchants Wharf. Improve intersections, pedestrian facilities, add bike lanes as appropriate, and improve curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway</p> <p>Borough/Census Area: Juneau, City and Borough of</p> <p>Municipal Planning Org. (MPO): not identified</p> <p>Performance Measures: Pavement, Safety</p>	<p>Sponsor: SER DOT&PF</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 23595

Title: Wrangell - Evergreen Road Improvements and Pedestrian Access

Region: Southcoast

Place Name: Wrangell

Highway:

Project Description:

Reconstruct Evergreen Road from the Alaska Marine Highway terminal to the airport, approximately 1 mile along Evergreen Roads. Straighten curves where able. Construct curbs, gutter and sidewalk from the Ferry Terminal to Petroglyph Beach access including improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual. Redesign electrical services.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	0	-5,047,786	0	
Construction	STP	0	5,047,786	0	
Totals:		0	0	0	0

Program: Community Transportation Program	Sponsor: City and Borough of Wrangell
Primary Work: Reconstruction	PEB Score: 338
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: Urban and Rural
Borough/Census Area: Wrangell, City and Borough of	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 24337

Title: Skagway - State Street Rehabilitation

Region: Southcoast

Place Name: Skagway

Highway: N/A

Project Description:

Resurface State St. in Skagway and rehabilitate the subgrade and storm drain system as needed. Rehabilitate sidewalks per needs identified in Southcoast Region.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	NHPP	0	9,097	0	
Right of Way	SM	0	903	0	
Construction	NHPP	0	0	9,642,820	
Construction	SM	0	0	957,180	
Utilities	NHPP	0	0	9,097	
Utilities	SM	0	0	903	
Totals:		0	10,000	10,610,000	0

Program: National Highway System	Sponsor: City of Skagway
Primary Work: System Preservation	PEB Score:
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skogway	Criteria: Urban and Rural
Borough/Census Area: Skagway, Municipality and Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26110

Title: Sawmill Creek Road Reconstruction & Pedestrian Improvements

Region: Southcoast

Place Name: Sitka

Highway:

Project Description:

Reconstruct the segment of Sawmill Creek Road between the roundabout and intersection of Jeff Davis Street. This project will include ADA compliant sidewalks on each side of the road, reconfiguration of lanes for improved bicycle access, improvements to the intersection of SMC Road and DeGroff St., and associated drainage improvements.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	SM	63,210	0	0	
Right of Way	STP	636,790	0	0	
Construction	SM	0	297,990	0	
Construction	STP	0	3,002,010	0	
Totals:		700,000	3,300,000	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: 368
2013 Election District: 35 Sitka/Petersburg	Criteria: Urban and Rural
Borough/Census Area: Sitka, City and Borough of	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26112

Title: Juneau - Glacier Highway Improvements (Lemon Creek Area)

Region: Southcoast

Place Name: Juneau

Highway: Glacier Highway



Project Description:

Resurface and improve Glacier Hwy from Glacier Highway Access Road to Twin Lakes. Improvements include: resurface entire length of roadway and address drainage needs, add pedestrian facilities on the water side of street, convert the Renninger Street intersection to a roundabout, add a traffic signal to the Davis Street intersection, adjust other driveways and intersections as needed, improve curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual, stripe bike lanes, determine crosswalk locations, install bus pullouts as needed, and address lighting needs.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	12,280,950	0	0	
Construction	ACC	0	0	-12,280,950	
Construction	SM	1,219,050	0	0	
Construction	STP	0	0	12,280,950	
Totals:		13,500,000	0	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 392
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: Urban and Rural
Borough/Census Area: Juneau, City and Borough of	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

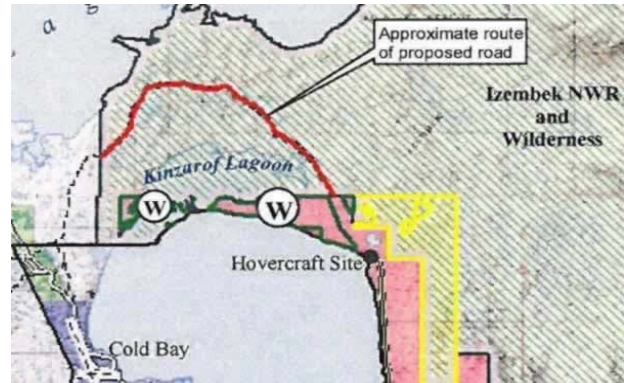


2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26120
Title: King Cove Cold Bay Road
Region: Southcoast
Place Name: King Cove
Highway:

Project Description:

Construct a road connecting King Cove with Cold Bay and its all-weather airport. The project will construct 13.5 miles of new road and 5.6 miles of road reconstruction and realignment; single lane gravel road with turnouts.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	OSF	25,000	0	0	
Construction	OSF	0	10,000,000	0	
Totals:		25,000	10,000,000	0	20,000,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: Urban and Rural
Borough/Census Area: Aleutians East Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26330

Title: Haines Highway Reconstruction: Mile Point 11 to 23
(Milepost 12.2 to 23)

Region: Southcoast

Place Name: Haines

Highway: Haines Highway

Project Description:

Widen the highway to a paved width of 36' and improve the roadside environment. Improve drainage, straighten selected curves to a 55 mph design speed where able and other improvements, including addressing the mudslide area. This is one of three construction projects that fall under the Haines Highway Reconstruction Design project. See Need ID's 2152, 22279, and 27829.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	55,036,850	0	0	
Construction	ACC	0	-27,518,425	-27,518,425	
Construction	NHPP	0	27,518,425	27,518,425	
Construction	SM	5,463,150	0	0	
Utilities	NHPP	2,729,100	0	0	
Utilities	SM	270,900	0	0	
Totals:		63,500,000	0	0	0

Program: National Highway System	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria:
Borough/Census Area: Haines Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26336

Title: Ketchikan: Front, Mill, and Stedman Streets Reconstruction

Region: Southcoast

Place Name: Ketchikan

Highway:

Project Description:

Reconstruction of the Front, Mill, and Stedman Street portion of the Tongass Highway from Grant Street to Deermont Street for a total of approximately 0.6 miles. Rehabilitate/replace pavement, and reconstruct sub-base, sidewalks and drainage structures as needed. Reconstruct/improve the intersections with Dock, Mission and Stedman Streets, including pedestrian crossings, traffic calming measures and stormwater drainage improvements, and improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26348

Title: Alaska Peninsula Highway Bridges

Region: Southcoast

Place Name: Naknek

Highway:



Project Description:

Rehabilitate and/or replace bridges along the Alaska Peninsula Highway including Leader Creek Bridge (bridge # 400), Pauls Creek Bridge (bridge # 402), and King Salmon Creek Bridge (bridge # 399). Improvements may include widening the structures. Construction may be supplemented by IRR bridge funds.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	EMRK	6,094,990	0	0	
Construction	SM	605,010	0	0	
Utilities	EMRK	156,521	0	0	
Utilities	SM	63,210	0	0	
Utilities	STP	480,269	0	0	
Totals:		7,400,000	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: _____
Borough/Census Area: Bristol Bay Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26809

Title: Williamsport-Pile Bay Road, Iliamna River Bridge Replacement

Region: Southcoast

Place Name: Iliamna

Highway:

Project Description:

Construct a permanent bridge and remove temporary bridge over the Iliamna river.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: _____
Borough/Census Area: Lake & Peninsula Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27621

Title: Ketchikan - North Tongass Bridge Improvements, First Waterfall Creek and Second Waterfall Creek

Region: Southcoast

Place Name: Ketchikan

Highway: North Tongass Highway

Project Description:

Replace or rehabilitate First Waterfall Creek Bridge (#0414) and second Waterfall Creek Bridge (#0415) to meet current standards for loading, width, and railing.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	-7,258,789	0	0	
Construction	STP	7,258,789	0	0	
Utilities	ACC	-39,565	0	0	
Utilities	STP	39,565	0	0	
Totals:		0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27702

Title: Reconstruct Goose Creek (Kasaan) Rd - Phase I MP 1.5 to 3.0

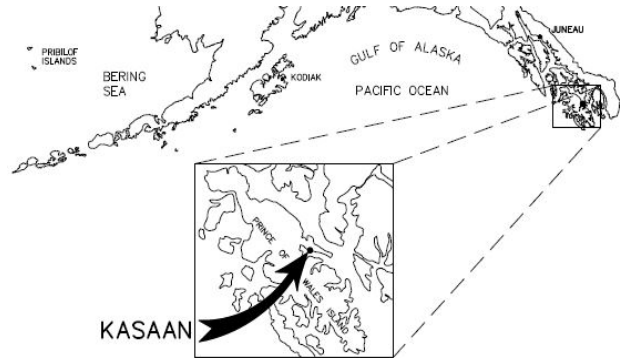
Region: Southcoast

Place Name: Kasaan

Highway: N/A

Project Description:

Construction of roadway from segments 9 and 10 of the PS&E package. Construction of the road will include clearing, horizontal and vertical realignment, installation of drainage, aggregate base, surfacing, signing, seeding erosion control, utility work and other improvements.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Federal Lands Access Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 35 Sitka/Petersburg	Criteria: _____
Borough/Census Area: Prince of Wales-Hyder Census Area	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27766

Title: Ketchikan - So. Tongass Highway - Tongass Ave Improvements

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Resurface pavement and construct improvements along South Tongass Highway between Hoadley Creek Bridge and the Tongass Avenue Viaduct in the vicinity of Elliot Street.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-1,137,125	0	0	
Design	NHPP	1,137,125	0	0	
Right of Way	NHPP	181,940	0	0	
Right of Way	SM	18,060	0	0	
Construction	NHPP	4,548,500	0	0	
Construction	SM	451,500	0	0	
Utilities	NHPP	454,850	0	0	
Utilities	SM	45,150	0	0	
Totals:		5,700,000	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 27829

Title: Haines Highway Reconstruction: Mile Point 3 to 12
(Milepost 3.5 to 12.3)

Region: Southcoast

Place Name: Haines

Highway: Haines Highway

Project Description:

Widen the highway to a paved width of 36' and improve the roadside environment. Improve drainage, straighten selected curves to a 55 mph design speed where able and other improvements. This is one of three construction projects that fall under the Haines Highway Reconstruction Design project. See Need ID's 2152, 22279, and 26330. This NID, 27829, also includes mitigation work that is required for all segments.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: _____
Borough/Census Area: Haines Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28271

Title: Prince of Wales - Neck Lake Rd Reconstruction: NPOWI Hwy to Whale Pass

Region: Southcoast

Place Name: Whale Pass

Highway: N/A



Project Description:

Reconstruct approximately 7.9 miles of Neck Lake Road (South Whale Pass Rd) to provide a narrow two lane paved road. Project begins at junction with NPOWI Highway and ends at Whale Pass seaplane terminal and boat launch ramp. Project may be split into two segments: NPOWI Highway to Marine Access Facility Junction and Marine Access Facility Junction to Whale Pass. Major work items include clearing, grading, drainage, subexcavation, base, paving, bridge and culvert replacement, high reflectivity signage, installation of safety guardrail systems, revegetation, and slope stabilization.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	23,000,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 35 Sitka/Petersburg	Criteria: _____
Borough/Census Area: Prince of Wales-Hyder Census Area	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28549

Title: Southcoast Areawide ADA Improvements

Region: Southcoast

Place Name: Southcoast Region

Highway: N/A



Project Description:

This project will provide ADA improvements along routes in Southcoast. Initial phase includes auditing routes to determine ADA compliance and identify those issues that can be quickly resolved. Prioritization and construction of needed ADA improvements will be identified per the audit.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	SM	316,050	180,600	180,600	
Multi-Phase Activity	STP	3,183,950	1,819,400	1,819,400	
Totals:		3,500,000	2,000,000	2,000,000	4,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 91 Southcoast Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28769

Title: Juneau - Egan Dr and Riverside Intersection Improvement

Region: Southcoast

Place Name: Juneau

Highway: Glacier Highway

Project Description:

This project will modify the intersections of Riverside Drive and Egan Drive to facilitate U-turns and install a median at the intersection of Glacier Highway North and Egan Drive to help improve safety and operations as a result of the prohibited left turn at Glacier Highway North. Project will include paving Egan Drive from Loop Road to Riverside.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 34 Mendenhall Valley</p> <p>Borough/Census Area: Juneau, City and Borough of</p> <p>Municipal Planning Org. (MPO): not identified</p> <p>Performance Measures: Pavement, Safety</p>	<p>Sponsor:</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28810

Title: Ketchikan - Herring Cove Bridge Improvement

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Replace the Herring Cove Bridge (No. 253) to include pedestrian facilities and improve the intersection of S. Tongass and Powerhouse Rd. and the intersection of S. Tongass and Wood Rd.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	ACC	-434,444	0	0	
Design	SM	31,826	0	0	
Design	STP	755,070	0	0	
Right of Way	SM	23,577	0	0	
Right of Way	STP	237,523	0	0	
Construction	AC	0	5,576,116	0	
Construction	SM	0	553,505	0	
Utilities	SM	0	117,132	0	
Utilities	STP	0	1,180,013	0	
Totals:		613,552	7,426,766	0	5,576,116

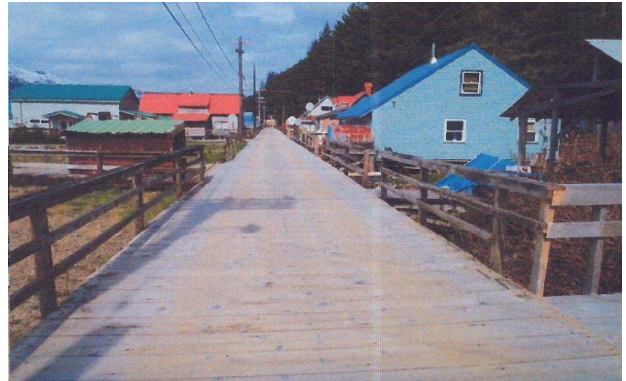
Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28811
Title: Pelican - Main Street Bridge (No. 1268) Improvement
Region: Southcoast
Place Name: Pelican
Highway: N/A

Project Description:
 Rehabilitate the Main Street Bridge also known as the Pelican Boardwalk.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Community Transportation Program Primary Work: Bridge Rehabilitation 2013 Election District: 35 Sitka/Petersburg Borough/Census Area: Hoonah-Angoon Census Area Municipal Planning Org. (MPO): non-MPO	Sponsor: _____ PEB Score: _____ Criteria: _____ Functional Class: LOCAL
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 28890

Title: Ketchikan - Sayles/Gorge St. Viaduct (#1841) Improvement

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

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



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	3PF	0	9,030	0	
Design	ACC	-363,800	0	0	
Design	STP	363,800	90,970	0	
Right of Way	3PF	0	9,030	0	
Right of Way	STP	0	90,970	0	
Construction	3PF	0	0	171,570	
Construction	STP	0	0	1,728,430	
Utilities	3PF	0	0	9,030	
Utilities	STP	0	0	90,970	
Totals:		0	200,000	2,000,000	0

Program: Community Transportation Program	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29149
Title: Chignik Public Dock
Region: Southcoast
Place Name: Chignik
Highway: N/A

Project Description:
 Construct graded uplands with rip-rap face, sheetpile dock, and fendering system



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: _____
Borough/Census Area: Lake & Peninsula Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29209
Title: Chiniak Hwy Erosion Response
Region: Southcoast
Place Name: Kodiak Island
Highway: N/A



Project Description:
 The purpose of this project is to implement solutions to problems related to erosion along the Chiniak Highway.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	-9,985,037	0	0	
Construction	STP	9,985,037	0	0	
Utilities	ACC	-543,050	0	0	
Utilities	STP	543,050	0	0	
Totals:		0	0	0	0

<p>Program: Alaska Highway System</p> <p>Primary Work: System Preservation</p> <p>2013 Election District: 32 Kodiak/Cordova/Seldovia</p> <p>Borough/Census Area: Kodiak Island Borough</p> <p>Municipal Planning Org. (MPO): non-MPO</p> <p>Performance Measures: Safety</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: MINOR COLLECTOR</p>
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2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29629

Title: Juneau - Riverside and Stephen Richards Congestion Mitigation

Region: Southcoast

Place Name: Juneau

Highway: N/A

Project Description:

This project will reduce congestion in the Mendenhall Valley non-attainment area by improving the Riverside and Stephen Richards intersection. The current 4 way stop will be replaced with a traffic control option that will improve traffic flow, particularly during am and pm peak periods. A compact roundabout and enhanced signalization will be considered as potential solutions to current congestion at this intersection.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Right of Way	3PF	903	0	0	
Right of Way	CMAQ-M	9,097	0	0	
Construction	3PF	0	135,450	0	
Construction	CMAQ-M	0	1,364,550	0	
Utilities	3PF	0	903	0	
Utilities	CMAQ-M	0	9,097	0	
Totals:		10,000	1,510,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 34 Mendenhall Valley	Criteria: _____
Borough/Census Area: Juneau, City and Borough of	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): not identified	
Performance Measures: CMAQ	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29875

Title: Kodiak - Harbor Channel Bridge Improvement

Region: Southcoast

Place Name: Kodiak

Highway: N/A

Project Description:

Rehabilitate the Harbor Channel Bridge on Near Island Bridge Road. Rehabilitate per items recommended on 2014 Bridge Assessment including deck rehabilitation and repainting the steel superstructure.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	0	12,735,800	0	
Construction	SM	0	1,264,200	0	
Utilities	SM	0	9,030	0	
Utilities	STP	0	90,970	0	
Totals:		0	14,100,000	0	12,735,800

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: _____
Borough/Census Area: Kodiak Island Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29876

Title: Kodiak - Rezanoff Drive Resurface: Airport to Chiniak Hwy

Region: Southcoast

Place Name: Kodiak Station

Highway: N/A

Project Description:

Resurface Rezanoff Drive from the Airport to Chiniak Highway and repair a section of Rezanoff Drive from Carolyn St. to Marine Way. Address lighting, guardrails, drainage, culverts and other highway appurtenances as needed.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	8,603,526	0	0	
Construction	ACC	0	0	-8,603,526	
Construction	SM	854,016	0	0	
Construction	STP	0	0	8,603,526	
Utilities	SM	903	0	0	
Utilities	STP	9,097	0	0	
Totals:		9,467,542	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: _____
Borough/Census Area: Kodiak Island Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29877

Title: Kodiak - Chiniak Hwy Rehabilitate: Mile Point 5 to 21
(Milepost 15 to 31)

Region: Southcoast

Place Name: Kodiak Island

Highway: N/A

Project Description:

Rehabilitate approximately 16 miles of the Chiniak Highway from Milepost 15 to the end of pavement to improve and preserve the roadway subgrade and surface. Address lighting, guardrails, drainage, culverts and other highway appurtenances as needed.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	SM	0	45,150	0	
Design	STP	0	454,850	0	
Right of Way	SM	0	18,060	0	
Right of Way	STP	0	181,940	0	
Totals:		0	700,000	0	48,384,370

Program: Alaska Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: _____
Borough/Census Area: Kodiak Island Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 29989

Title: Sand Point City Dock Replacement

Region: Southcoast

Place Name: Sand Point

Highway: Marine Highway

Project Description:

Construct a new multi-use dock. The new dock will replace an old city dock that currently accommodates fishing vessels, barges, and state ferries, but is nearing the end of its service life.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	AC	9,733,790	0	0	
Construction	ACC	0	0	-9,733,790	
Construction	SM	966,210	0	0	
Construction	STP	0	0	9,733,790	
Totals:		10,700,000	0	0	0

Program: Alaska Highway System	Sponsor: Southcoast Region
Primary Work: New Construction	PEB Score:
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria:
Borough/Census Area: Aleutians East Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30206

Title: Gustavus and Glacier Bay National Park Pedestrian and Bicycle Connection

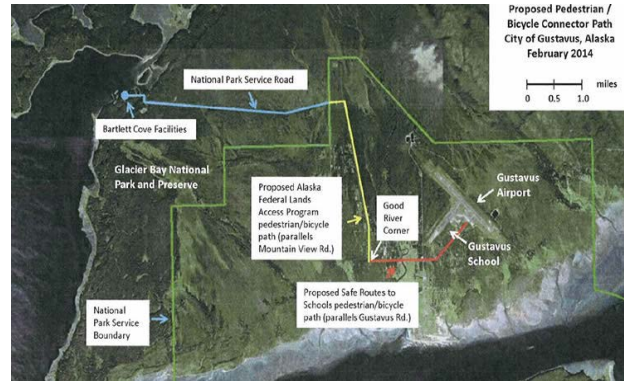
Region: Southcoast

Place Name: Gustavus

Highway: N/A

Project Description:

Construct a pedestrian/bicycle trail within the right of way of the existing state roadway and parallel to that roadway for 3.2 miles



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Federal Lands Access Program	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: _____
Borough/Census Area: Hoonah-Angoon Census Area	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30207

Title: Harris River Bridge Replacement

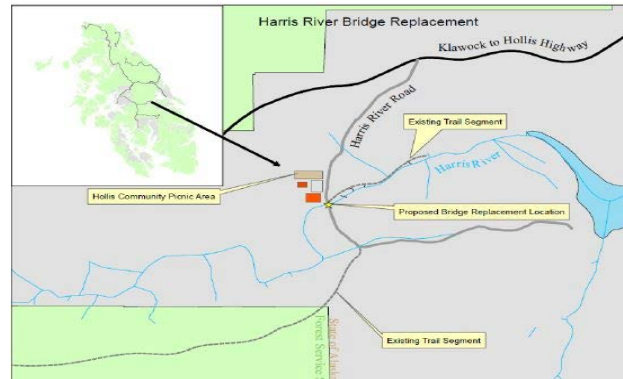
Region: Southcoast

Place Name: Hollis

Highway: N/A

Project Description:

Purchase a regional standard OHV width (10 ft) bridge for the Harris River Crossing estimated to be 90-100 feet in length.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	3PF	16,444	0	0	
Construction	FLAP	165,656	0	0	
Totals:		182,100	0	0	0

Program: Federal Lands Access Program	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Prince of Wales-Hyder Census Area	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30211

Title: Wrangell Non-Motorized Transportation System
Development

Region: Southcoast

Place Name: Wrangell

Highway: N/A

Project Description:

Improve or create off-road parking and new connector trails by providing hardened and delineated pathways to a network of existing informal footpaths, thus making them passable for practical, secondary transportation purposes



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Federal Lands Access Program	Sponsor: _____
Primary Work: Other	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Wrangell, City and Borough of	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30694

Title: City & Borough of Juneau, Electric Bus

Region: Southcoast

Place Name: Juneau

Highway: N/A

Project Description:

FTA LoNo Emissions grant funding to purchase electric buses and charge stations.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Multi-Phase Activity	3PF	264,706	0	0	
Multi-Phase Activity	5339	1,500,000	0	0	
Totals:		1,764,706	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Transit	PEB Score: _____
2013 Election District: 80 Juneau Areawide	Criteria: _____
Borough/Census Area: Juneau, City and Borough of	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30729

Title: Inter-Island Ferry Authority (IFA) Vessel Refurbishments

Region: Southcoast

Place Name: Prince of Wales Island

Highway: Marine Highway

Project Description:

Refurbish IFA ferries to ensure regulatory compliance and up-to-date ships systems such as hull, deck, machinery, electrical, security, navigation, and passenger accommodations.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	ACC	-2,752,144	0	0	
Construction	FBF	409,666	0	0	
Construction	STP	2,342,478	0	0	
Totals:		0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 91 Southcoast Region	Criteria: _____
Borough/Census Area: Prince of Wales-Hyder Census Area	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30829

Title: New Gravina Island Shuttle Ferry Berth and Related Terminal Improvements

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Construct new ferry berth and other upland improvements to the airport ferry terminal on Gravina Island in Ketchikan, Alaska.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	EMRK	575,393	0	0	
Design	SM	57,116	0	0	
Construction	EMRK	11,970,688	0	0	
Construction	SM	1,188,252	0	0	
Totals:		13,791,449	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: New Construction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30830

Title: Ketchikan - Revilla New Ferry Berth & Upland Improvements

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Construct new ferry terminal berthing facility for the airport ferry.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	EMRK	1,466,285	0	0	
Design	SM	145,549	0	0	
Right of Way	EMRK	4,548,500	0	0	
Right of Way	SM	451,500	0	0	
Construction	EMRK	26,435,092	0	0	
Construction	SM	2,624,040	0	0	
Totals:		35,670,966	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: Reconstruction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30831

Title: Ketchikan - Revilla Refurbish Existing Ferry Berth

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Refurbish the existing airport ferry terminal in Ketchikan.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	EMRK	3,638,800	0	0	
Construction	SM	361,200	0	0	
Totals:		4,000,000	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: Reconstruction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30832
Title: Ketchikan - Revilla New Passenger Waiting Facility
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

Project Description:
 Construct new airport ferry passenger waiting building in Ketchikan



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	EMRK	1,939,106	0	0	
Construction	SM	192,482	0	0	
Totals:		2,131,588	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: New Construction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30833

Title: Ketchikan - Gravina Ferry Layup Facility

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Construct new airport ferry layup facility on Gravina Island



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	EMRK	144,448	0	0	
Design	SM	14,338	0	0	
Construction	EMRK	14,309,322	0	0	
Construction	SM	1,420,393	0	0	
Totals:		15,888,501	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: New Construction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 30834
Title: Ketchikan - Gravina Refurbish Existing Ferry Berth Facility
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

Project Description:
 Reconstruct existing airport ferry terminal on Gravina Island.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	EMRK	8,120,486	0	0	
Construction	SM	806,068	0	0	
Totals:		8,926,554	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: Reconstruction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30835

Title: Ketchikan - Gravina Freight Facility

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Construct Gravina Island airport freight dock facility.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	EMRK	33,437	0	0	
Design	SM	3,319	0	0	
Construction	EMRK	3,393,201	0	0	
Construction	SM	336,821	0	0	
Totals:		3,766,778	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: New Construction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30836
Title: Ketchikan - Replace Airport Creek Bridge
Region: Southcoast
Place Name: Ketchikan
Highway: N/A



Project Description:
 Replace the Airport Creek bridge.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 30887

Title: Ketchikan - Airport Shuttle Buses

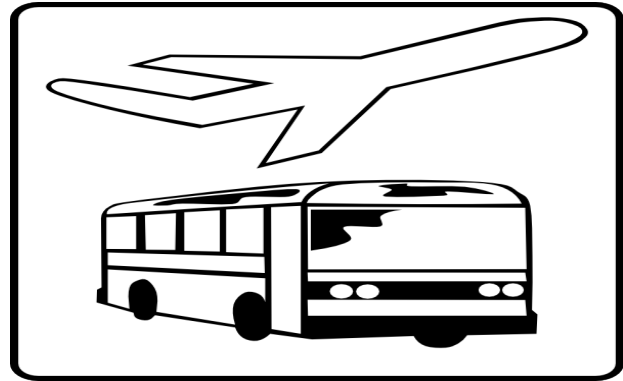
Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Purchase accessible vehicles for airport shuttle use.



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	EMRK	9,097	0	0	
Design	SM	903	0	0	
Construction	EMRK	193,725	0	0	
Construction	SM	19,230	0	0	
Totals:		222,955	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Transit	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 30949
Title: Ketchikan - Reconstruct Road to Airport Boundary
Region: Southcoast
Place Name: Ketchikan
Highway: N/A



Project Description:
 Reconstruct the road to the airport boundary on Gravina Island

Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	EMRK	2,464,514	0	0	
Construction	SM	244,636	0	0	
Totals:		2,709,150	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31029

Title: Ketchikan Airport Ferry Capacity Modifications

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Modify existing airport ferry fleet to expand passenger and vehicle



Phase	Fund	FFY19	FFY20	FFY21	After2021
Construction	EMRK	381,551	0	0	
Construction	SM	37,874	0	0	
Totals:		419,425	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31030
Title: Ketchikan Road and Bridge Construction & Rehabilitation
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

Project Description:
 Construction and rehabilitation of Ketchikan roads and bridges in accordance with Borough transportation priorities



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Community Transportation Program	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31031
Title: Black Sands Beach Trail - Construct
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

Project Description:
 Construct recreational trail from Gravina Highway to Black Sands Beach State Park



Phase	Fund	FFY19	FFY20	FFY21	After2021
Totals:		0	0	0	0

Program: Community Transportation Program	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31310

Title: Skagway - Klondike Highway Rehabilitation: Skagway
River Bridge to Canadian Border

Region: Southcoast

Place Name: Skagway

Highway: Klondike Highway



Project Description:

This project will provide for the rehabilitation of the Klondike Highway. Focus will be on rehabilitating the pavement, critical safety improvements, drainage, and related improvements as necessary.

Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	1,637,460	0	909,700	
Design	SM	162,540	0	90,300	
Right of Way	NHPP	0	0	9,097	
Right of Way	SM	0	0	903	
Utilities	NHPP	0	0	9,097	
Utilities	SM	0	0	903	
Totals:		1,800,000	0	1,020,000	35,400,000

<p>Program: National Highway System</p> <p>Primary Work: System Preservation</p> <p>2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway</p> <p>Borough/Census Area: Skagway, Municipality and Borough</p> <p>Municipal Planning Org. (MPO): not identified</p> <p>Performance Measures: Pavement</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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**2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019**

Need ID: 31718

Title: Ketchikan - S. Tongass Hwy - Replace Hoadley Creek Bridge

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Rehabilitate or replace Hoadley Creek Bridge (Bridge #725).



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	NHPP	227,425	136,455	0	
Design	SM	22,575	13,545	0	
Right of Way	NHPP	0	0	90,970	
Right of Way	SM	0	0	9,030	
Utilities	NHPP	0	0	9,097	
Utilities	SM	0	0	903	
Totals:		250,000	150,000	110,000	3,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	
Performance Measures: Bridge	



2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31719

Title: Ketchikan - S. Tongass Hwy - Water Street Viaduct Improvements

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Rehabilitate pavement and make improvements to the Tongass Avenue and Water Street Viaduct structures (Bridge #997 and #797) and the South Tongass Highway Tunnel (Bridge #1130).



Phase	Fund	FFY19	FFY20	FFY21	After2021
Design	AC	363,880	0	0	
Design	NHPP	0	227,425	0	
Design	SM	36,120	22,575	0	
Right of Way	AC	0	0	363,880	
Right of Way	SM	0	0	36,120	
Utilities	NHPP	0	0	9,097	
Utilities	SM	0	0	903	
Totals:		400,000	250,000	410,000	11,490,880

Program: National Highway System	Sponsor: _____
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	
Performance Measures: Bridge	





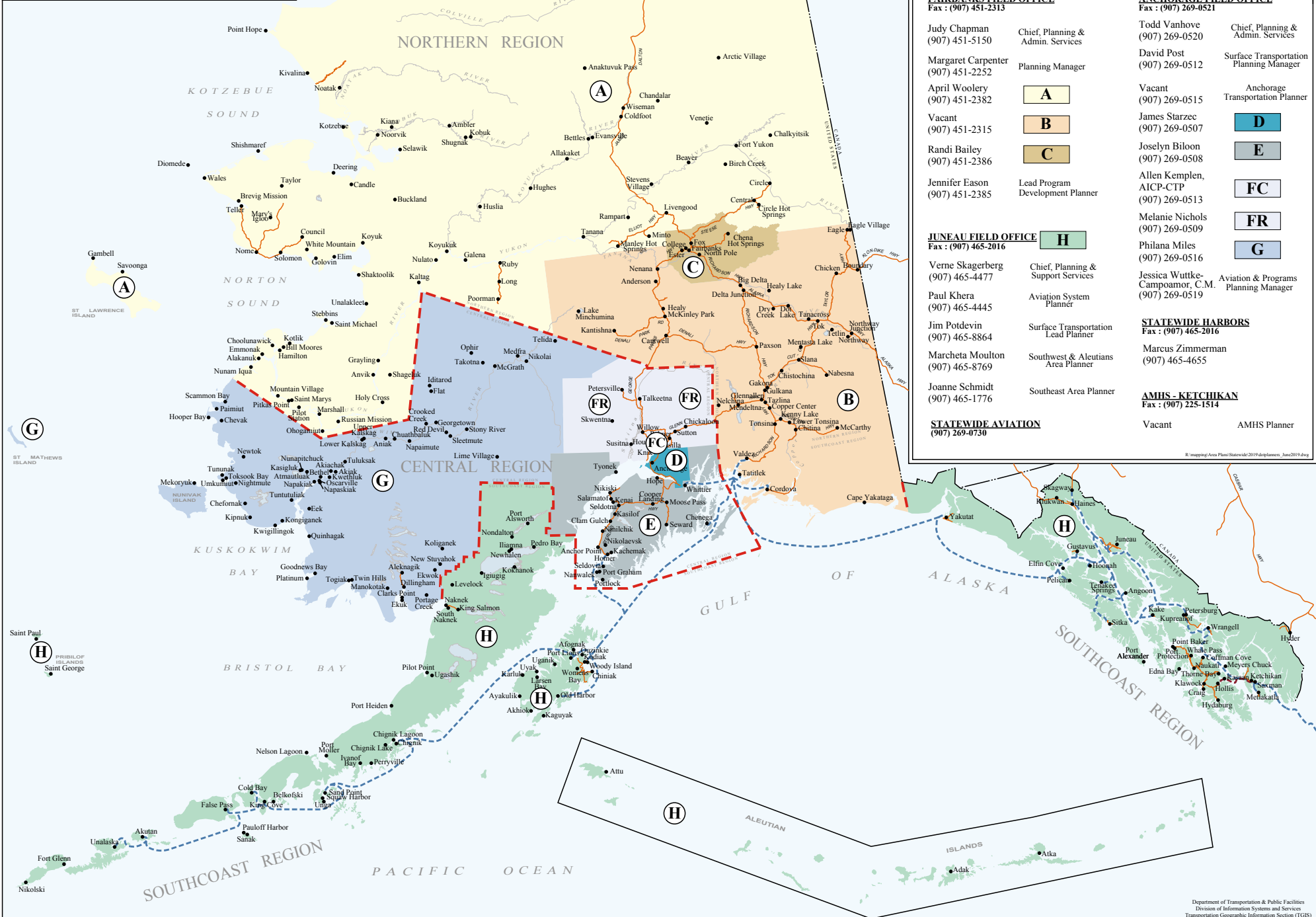
City or Town Center • Skagway

DOT & PF Region - - - - -

AMHS Ferry Route - - - - -

IFA Ferry Route - - - - -

Road - - - - -



**ALASKA DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES**
Division of Program Development & Statewide Planning
June 2019
REGIONAL AREA PLANNERS

FAIRBANKS FIELD OFFICE Fax : (907) 451-2313		ANCHORAGE FIELD OFFICE Fax : (907) 269-0521	
Judy Chapman (907) 451-5150	Chief, Planning & Admin. Services	Todd Vanhove (907) 269-0520	Chief, Planning & Admin. Services
Margaret Carpenter (907) 451-2252	Planning Manager	David Post (907) 269-0512	Surface Transportation Planning Manager
April Woolery (907) 451-2382	A	Vacant (907) 269-0515	Anchorage Transportation Planner
Vacant (907) 451-2315	B	James Starzec (907) 269-0507	D
Randi Bailey (907) 451-2386	C	Joselyn Biloon (907) 269-0508	E
Jennifer Eason (907) 451-2385	Lead Program Development Planner	Allen Kemplen, AICP-CTP (907) 269-0513	FC
JUNEAU FIELD OFFICE Fax : (907) 465-2016		H	
Verne Skagerberg (907) 465-4477	Chief, Planning & Support Services	Melanie Nichols (907) 269-0509	FR
Paul Khara (907) 465-4445	Aviation System Planner	Philana Miles (907) 269-0516	G
Jim Potdevin (907) 465-8864	Surface Transportation Lead Planner	Jessica Wuttke-Campoamor, C.M. (907) 269-0519	Aviation & Programs Planning Manager
Marcheta Moulton (907) 465-8769	Southwest & Aleutians Area Planner	STATEWIDE HARBORS Fax : (907) 465-2016	
Joanne Schmidt (907) 465-1776	Southeast Area Planner	Marcus Zimmerman (907) 465-4655	
STATEWIDE AVIATION (907) 269-0730		AMHS - KETCHIKAN Fax : (907) 225-1514	
		Vacant	AMHS Planner

Mapping Area Plans Statewide 2019 Updates June 2019.dwg

**Division of Program Development
Process Consultation Matrix**

Process and reference	Who notified/consulted										What actions governed							
	MPO local gov officials	Non-MPO local gov officials	State and federal agencies	Interested parties*	Other governments**	Tribal governments	U.S. Secretary of Interior	Traditionally underserved (low income, minority households)	General public	Advisory	MPO LRTP**	Statewide Long Range Transportation Plan (SWLRTP)	Statewide Transportation Improvement Program (STIP)	Project development	Contracting	Hiring	Operations	Other plans
Govt-to-govt relations with federally recognized Tribes DOT&PF P&P 01.03.010						●						●	●	●	●	●	●	●
Federal Transportation Regs 23 CFR 450.210(c) areas under Tribal gov jurisdiction						●	●					●	●					
Federal Transportation Regs MPO planning process (cooperative) 23 CFR 450.306, 314 and 316	●		●	●			●	●			●	●	●	●	●	●	●	●
Non-MPO local process 23 CFR 450.210(b) and .214(g)		●										●	●					
Federal transportation regs 23 CFR 450.210(a)(viii) (Env Justice EO 12898)							●					●	●					
Federal Transportation Regs 23 CFR 450.214(i) and 322(g) Comparison of plans/maps/inventories	●	●	●			●					●	●	●	●	●	●	●	●
Federal Transportation Regs 23 CFR 450.214(j) and 322(f)(7) Potential environmental mitigation		214(i) only	●			●					●	●	●	●	●	●	●	●
Public involvement procedure 17AAC 05.135 and 17AAC 05.160	●	●	●	●		●			●		●	●	●	●	●	●	●	●
Alaska statute for Statewide Transportation Plan AS 44.42.050	●	●	●	●		●					●	●	●	●	●	●	●	●
Local planning authority consistency review AS 35.30.010	●	●			●								●					
Modal Advisory boards - Aviation AS44.42.200, Marine Transportation AS19.65.110-AS19.65.195									●	●								●

*Per 17 AAC 05.990 (3), **Interested party** means an individual or group that has expressed an interest in transportation issues, municipal governments and their elected officials, members of councils of Indian Tribes recognized under federal law, members of boards of associations established to implement AS 29.60.140, the Trails and Recreational Access for Alask Citizen's Advisory Board created to implement Administrative Order 161, village and regional corporations under the Alaska Native Claims Settlement Act (43 USC 1601-1628); federal and state land management agencies, federal and state environmental agencies, and public and private providers of transportation services.

**Not defined in statute

***MPO Long-Range Transportation Plan

****MPO Transportation Improvement Program

*****Aviation or Marine Highways System Plan

2018-2021 STIP Surface Transportation Funding Sources

Funding available to the state comes from several funding agencies, most notably the Federal Highway Administration and Federal Transit Administration. The state receives several categories of funding from each of these agencies. Each category (often referred to as fund codes) have distinctive rules for project eligibility, match ratios, and other programming factors. The following descriptions address the most significant of these categories, called apportionments.

In the project tables we've identified tentative apportionment designations for each proposed project. These apportionment assignments are estimates and are subject to change. The following paragraphs describe the apportionment categories, eligible project types, apportionment code and the ratio of federal funds. The proportion not paid by federal funds is the state, local or third party match.

Fund Code Descriptions

3PF (Third Party Funds) – Funding contributed by parties other than the State usually to provide required matching funds.

AC (Advance Construction) – An innovative financing tool permitted under FHWA rules that, with approval of the FHWA, allows the state to begin a project using state funds prior to the availability of federal funds. This tool allows the state flexibility to use its resources to more efficiently schedule project start-ups.

ACC (Advance Construction Conversion) – Accounting tool to track the repayment of state funds used to begin a project prior to the availability of federal funds.

BOND (Bonds) – Funding generated by the sale of bonds by the state.

BUILD (Better Utilizing Investments to Leverage Development) – BUILD transportation grants are major investments in road, rail, transit, and port projects that serve as a down payment on this administration's commitment to America's infrastructure

CMAQ-F (Congestion Mitigation/Air Quality Flexible) – These funds are for projects that can be proven to reduce traffic congestion and/or improve air quality in federally designated non-attainment areas. Projects such as park and ride lots, transit bus replacement, vehicle inspection and maintenance program improvements, signal coordination, ride sharing, and paving for dust control qualify for these funds. The federal funds ratio varies and is either 90.97% or 100% depending upon the specific category of work.

CMAQ-M (Congestion Mitigation/Air Quality-Mandatory) – This fund code is very similar to the CMAQ fund code listed above, but has slightly more restrictive eligibility requirements.

CST (Cruise Ship Tax) – Proceeds from the state tax on cruise ship passengers available to use on projects that support cruise operations.

DBE (Disadvantaged Business Enterprise) – A program to ensure equal opportunity in transportation contracting markets, addresses the effects of discrimination in transportation contracting, and promotes increased participation in federally funded contracts by small, socially and economically disadvantaged businesses, including minority and women owned enterprises. The statute provides that at least 10% of the amounts made available for any Federal-aid highways, mass transit, and transportation research and technology program be expended with certified DBEs.

ER (Emergency Relief) – Funds available for the repair of Federal-aid highways or roads on Federal lands that have been seriously damaged by natural disasters over a wide area or by catastrophic failures from an external cause.

FBF (Ferry Boat Formula Funds) – Under MAP-21, Ferry Boat Formula Program funds are distributed to eligible entities based on the number of passengers carried (20%), vehicles carried (45%), and total route miles (35%). Eligible entities are determined in accordance with 23 U.S.C. 129(c). Funds are available until expended. Projects must be for the construction or improvements to ferryboats or ferry terminal facilities. The federal funds ratio is 80%.

FLAP (Federal Lands Access Program) – Provides funds for projects on federal lands access transportation facilities. These facilities are defined as: a public highway, road, bridge, trail, or transit system that is located on, is adjacent to, or provides access to Federal lands for which title or maintenance responsibility is vested in a state, county, town, township, tribal, municipal, or local government.

ILLU (Illustrative) – Indicates projects that would be funded and advanced if funding becomes available either through receipt of additional funds or because another project cannot be advanced; the specific source or sources of funds will be determined when and if the project is selected to be funded.

NHPP (National Highway Performance Program) – In MAP-21 section 1106, Congress designated the NHPP to provide support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS. This funding code incorporates previous NHS, IM and some BR fund codes. The federal funds ratio is 90.97%.

OJT (On the Job Training) – The primary objective of the OJT Program is to train and upgrade minorities and women into higher paying skilled trades and transportation technology related careers to meet the projected labor needs. Under Section 22 of the Federal-aid Highway Act of 1968 (Public Law 90-495), State highway agencies are required to certify that there are available apprenticeship, skill improvement or other upgrading programs registered with the Department of Labor or the appropriate State agency.

OSF (Other State Funds) – Funding from non-federal state funds that have been appropriated.

PLNG (State Planning) – These funds are designated for the mandatory planning tasks the department undertakes, including preparation of the Statewide Transportation Plan and State Transportation Improvement Program (STIP), statistical measurements of the transportation system (traffic volumes, pavement condition, accident locations, causes and severity, and physical characteristics of roads and highways), mapping, and management systems. The federal funds ratio is 80%.

RES (Research) – These funds are designated for research tasks the department undertakes, including engineering and economic studies and applied research. The federal funds ratio is 80%.

RHE (Rail Hazard Elimination Program) – This purpose of this program is to reduce the number of fatalities and injuries at public highway-rail grade crossings through the elimination of hazards and/or the installation/upgrade of protective devices at crossings. This program funds the federal requirement that each state conducts and systematically maintain a survey of all highways to identify railroad crossings that may require separation, relocation, or protective devices, and establish and implement a schedule of projects for this purpose. The federal funds ratio is 90%.

RTP (Recreational Trails Program) – This funding category is intended to develop and maintain recreational trails and trail related facilities for both non-motorized and motorized recreational trail uses. This program is administered by the Department of Natural Resources. The federal funds ratio is 90.97%.

S148 (Safety Sanction) – This special category of MAP-21 safety funds addresses highway safety improvement projects similar to Safety (SA) below. New SA funding terminated following 2012 apportionment with the passage of MAP-21. The funds are made available by a sanction, or reduction, to Alaska’s NHPP and STP apportionments. Each year, 2.5% of these program funds are reallocated because Alaska does not have conforming laws addressing repeat DUI and open alcoholic containers on motorcycles. The federal share is 100%.

SA (Safety) – Safety projects include hazard elimination, railroad crossing, and railroad protective devices. In order to qualify, the project must be identified through the Highway Safety Improvement Program, which seeks to identify hazardous locations throughout the state based on accident histories. The federal funds ratio varies and is either 90% or 100% depending upon the specific category of work.

SFF (Special Federal Funds) – Federal funding received outside of the regular federal transportation funding and authorization bill. For example, in 2019 Congress appropriated funds to the U. S. Department of Transportation through the Consolidated Appropriations Act of 2019. These funds were not part of the Fixing America’s Surface Transportation Act, passed in 2015.

SM (State Match) – The State’s share of project costs required to match federal program funds. Depending on the particular federal program requirements, the state’s share of the costs, the state match required, will vary from as little as zero percent to as much as 50%. Most often the state’s share will range from 9.03% to 20%.

STP (Surface Transportation Program) – Flexible funding that may be used by the state and localities for projects on any Federal-aid highway, including the NHS, bridge projects on any public road, transit capital projects, bus terminals and facilities. Unlike other states, Alaska is allowed to use these funds on any public road in Alaska, regardless of classification. The federal funds ratio varies, typically 93.4% for interstate routes or 90.97% otherwise.

TAP (Transportation Alternatives Program) – The Moving Ahead for Progress in the 21st Century Act (MAP-21) replaced Transportation Enhancements (TE), Recreational Trails, and Safe Routes to School programs with Transportation Alternatives (TA), a new program funded through a set-aside from Surface Transportation Program (STP). A further set-aside is taken from Transportation Alternatives to fund the Recreational Trails Program (RTP).

Transportation Alternatives provides funding for programs and projects including on-and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation, community improvement activities, and environmental mitigation; safe routes to school projects; and projects for the planning, design or construction of boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways..

URPL (Metropolitan Planning) – In Alaska, these funds can be used in any urban area within the state. Planning processes and special planning studies are eligible activities within this program. The federal funds ratio is 90.97%.

TRANSIT AND RAIL Fund Codes

5307 (Urban Formula) – The Urbanized Area Formula Funding program (49 U.S.C. 5307) makes Federal resources available to urbanized areas and to Governors for transit capital and operating assistance and for transportation related planning in urbanized areas. An urbanized area is a Census-designated area with a population of 50,000 or more as determined by the U.S. Department of Commerce, Bureau of the Census.

5307RR (Alaska Railroad Passenger Operations) – A portion of Section 5307 funds, Capital and Operating Funds for Urbanized Areas specifically set aside for the Alaska Railroad for costs related to passenger operations.

5309 (Capital Program) – This program provides capital assistance for three primary activities:

5309BU – New and replacement buses and facilities

5309FG – Modernization of existing rail and ferry systems

5309NS – (New Starts) New fixed-guideway systems (including ferry systems)

Congress usually fully earmarks all available funding. In SAFETEA-LU Congress set aside a portion of the New Start funds for capital improvements on Alaska and Hawaii ferry systems (the two states split the set-aside). Congress also set aside a portion of the Capital Program New Starts funds for the Denali Commission for docks, waterfront development projects, and related transportation infrastructure. On occasion, a recipient agency will apply for section 5309 funds on behalf of transit agencies throughout the state and ask DOT&PF to administer these funds. When this happens, the funds are distributed through the annual Alaska Community Transportation Grant application process. The federal funds ratio is 80%.

5310 (Elderly and Persons with Disabilities Program) – This program funds transportation services to meet the special needs of the elderly and persons with disabilities. Funds are apportioned to the states based on the number of elderly and persons with disabilities in each state. Grants are available to nonprofit organizations (and sometimes governmental entities approved by the state) for the purchase of vehicles, related equipment, and the purchase of rides. SAFETEA-LU listed Alaska as one of a select group of states to participate in a pilot program that would allow a portion of these funds to be used to cover operating costs (at a 43.14% match) of projects that meet the special needs of elderly individuals and individuals with disabilities. The federal funds ratio for the remainder of these funds is 90.97%.

5311 (Non-urbanized Area Formula Program) – This program provides funding to enhance public transportation in rural and small urban areas. It also assists in the maintenance, development, improvement, and use of public transportation systems. A component of this program is the Rural Transit Assistance Program (RTAP), which provides training and technical assistance to transit operators. The federal funds ratio is 90.97% for capital projects and project administration, and up to 56.86% for operating assistance. RTAP projects are 100% federally funded.

5337GR (Section 5337 State of Good Repair) – A new formula-based State of Good Repair program is FTA's first stand-alone initiative written into law that is dedicated to repairing and upgrading the nation's rail transit systems along with high-intensity motor bus systems that use high-occupancy vehicle lanes, including bus rapid transit (BRT). These funds reflect a commitment to ensuring that public transit operates safely, efficiently, reliably, and sustainably so that communities can offer balanced transportation choices that help to improve mobility, reduce congestion, and encourage economic development.

5339 (Bus and Bus Facilities) – Funding for capital expenses for eligible rural public transit systems.

PTC (Positive Train Control) – Competitive discretionary grant funding for projects providing significant impacts to the nation, a region, or metropolitan area for eligible railroad safety technology projects.