



State of Alaska

Department of Transportation & Public Facilities

2016-2019

Statewide Transportation Improvement Program (STIP)

Amendment 1

Approved September 22, 2016



"Keep Alaska Moving through service and infrastructure."

Integrity · Excellence · Respect

How to Reach Us

STIP Contact Information

Division of Program Development

P.O. Box 112500

3132 Channel Drive, Suite 200

Juneau, AK 99811-2500

PHONE: (907) 465-4070 (in Juneau)

(888) PLAN DOT (752-6368) toll free

FAX: (907) 465-6984 (in Juneau)

(888) PLAN FAX (752-6329) toll free

TTY: (907) 465-3652

EMAIL: dot.stip@alaska.gov

INTERNET: <http://www.dot.state.ak.us>

Northern Region Planning

Phone: (907) 451-2385

Fax: (907) 451-2313

linda.mahlen@alaska.gov

Central Region Planning

Phone: (907) 269-0520

Fax: (907) 269-0521

david.post@alaska.gov

Southcoast Region Planning

Phone: (907) 465-1775

Fax: (907) 465-2016

marie.heidemann@alaska.gov

Alaska Marine Highway Planning

Phone: (907) 228-6801

Fax: (907) 225-1514

christa.hagan@alaska.gov

Anchorage Metropolitan Area Transportation Solutions

AMATS Coordinator

Municipality of Anchorage

P.O. Box 196650

Anchorage, AK 99519-6650

PHONE: (907) 343-7996

FAX: (907) 343-7998

lyonch@muni.org

Fairbanks Metropolitan Area Transportation System

FMATS MPO Coordinator

City of Fairbanks

800 Cushman Street

Fairbanks, AK 99701-4615

PHONE: (907) 459-6786

FAX: (907) 459-6783

djgardino@ci.fairbanks.ak.us

DOT&PF Anchorage Area Planner

P.O. Box 196900

Anchorage, AK 99519-6900

PHONE: (907) 269-0515

FAX: (907) 269-0521

aaron.jongenelen@alaska.gov

DOT&PF Fairbanks Area Planner

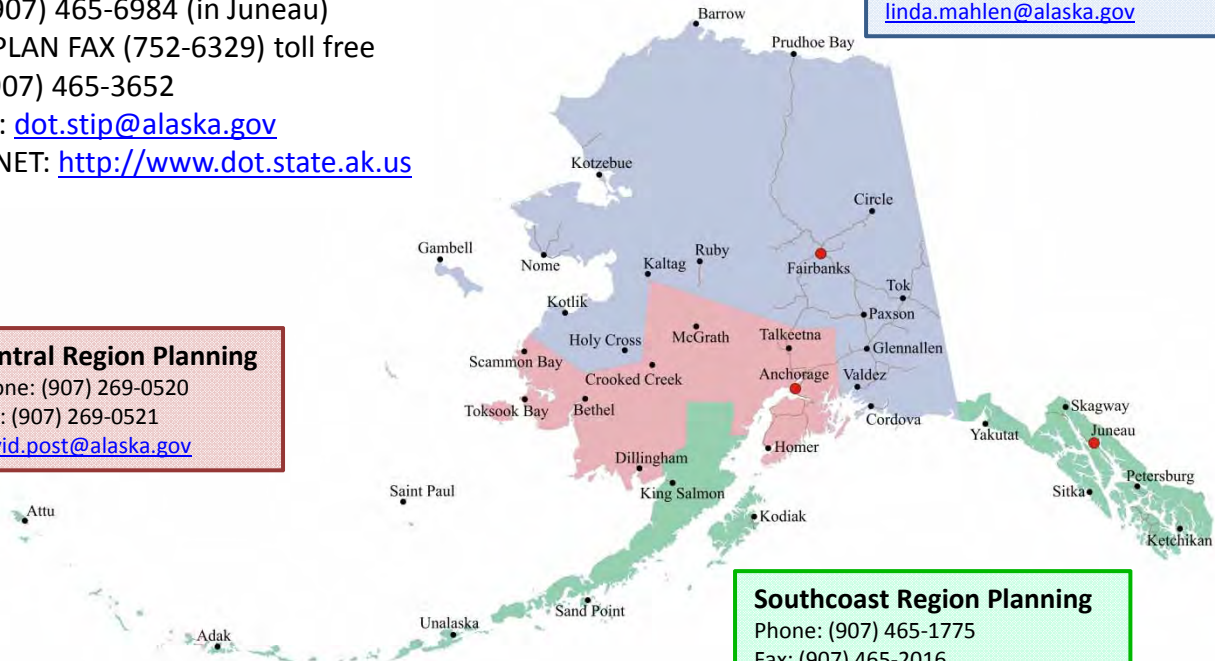
2301 Peger Road

Fairbanks, AK 99709-5316

PHONE: (907) 451-2252

FAX: (907) 451-2313

margaret.carpenter@alaska.gov





THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Department of Transportation and Public Facilities

OFFICE OF THE COMMISSIONER
Marc Luiken, Commissioner

3132 Channel Drive
P.O. Box 112500
Juneau, Alaska 99811-2500
Main: 907.465.3900
Fax: 907.586.8365
dot.state.ak.us

December 3, 2015

Dear Fellow Alaskans:

It is my pleasure to present the 2016-2019 Statewide Transportation Improvement Program, often referred to as the STIP. This dynamic document will serve as the Department's blueprint for the state's federally-funded surface transportation program over the next four years and will be used as an investment guide, rather than a spending plan, to ensure that we are providing for the safe and efficient movement of people and goods, statewide access and connectivity, and access for exploration and development of Alaska's resources.

Alaskans in every part of the state rely on the transportation system, whether it is riding a bus to work, hauling freight and commodities, meeting planes and ferries or driving to the movie theater. Our state's transportation system touches every Alaskan's life and is the foundation upon which we build and grow our economy and communities. Because transportation impacts all of us, the Department takes great pride in its ongoing consultation with municipal entities, tribal organizations, other state and federal agencies, advocacy and interest groups and the general public when developing and updating the STIP.

I invite you to review the STIP, share it with others, and engage in the process of updating this STIP when the time comes.

Sincerely,

A handwritten signature in black ink, appearing to read "Marc Luiken".

Marc Luiken
Commissioner



U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION
ALASKA DIVISION
709 W. 9TH STREET, ROOM 851
P.O. BOX 21648
JUNEAU, ALASKA 99802-1648

FEDERAL TRANSIT ADMINISTRATION
915 SECOND AVENUE, SUITE 3142
SEATTLE, WASHINGTON 98174

September 22, 2016

Mr. Marc Luiken
Commissioner
Department of Transportation and Public Facilities
P.O. Box 112500
Juneau, AK 99811-1125

In Reply Refer To:
TRAP 37

Dear Commissioner Luiken:

The Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) have received Amendment 1 of the 2016 - 2019 Statewide Transportation Improvement Program (STIP) for review and approval.

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.

Approval of the STIP and amendments are not construed as a Federal-aid eligibility determination. Each project must satisfy the specific requirements of the program from which the federal funds are solicited, as well as the other federal requirements before federal funds are authorized.

If you have any questions concerning our joint action of this STIP amendment, please contact Mr. John Lohrey, FHWA Statewide Programs Team Leader at (907) 586-7428, or Mr. Ned Conroy, FTA Community Planner at (206) 220-4318.

Sincerely,

Sandra A. Garcia-Aline
Division Administrator
Federal Highway Administration

Linda M. Gehrke
Regional Administrator
Federal Transit Administration

Electronically cc:

Mike Vigue, DOT&PF, Director, Division Program Development
Mike Crabb, DOT&PF, Division Operations Manager
Ned Conroy, FTA



THE STATE
of ALASKA
GOVERNOR BILL WALKER

Department of Transportation and Public Facilities

OFFICE OF THE COMMISSIONER
Marc Luiken, Commissioner

3132 Channel Drive
P.O. Box 112500
Juneau, Alaska 99811-2500
Main: 907.465.3900
dot.state.ak.us

September 6, 2016

Sandra Garcia-Aline, Division Administrator
Federal Highway Administration,
Alaska Division
P.O. Box 21648
Juneau, AK 99802-1648

Linda Gehrke, Regional Administrator
Federal Transit Administration, Region 10
915 2nd Avenue, Suite 3142
Seattle, WA 98174-1002

Dear Ms. Garcia-Aline and Ms. Gehrke:

Enclosed for your review and endorsement is Amendment 1 to the 2016-2019 Alaska Statewide Transportation Improvement Program (STIP). This STIP was developed in compliance with Title 23 - Section 135 and the state planning regulations (17 AAC 05.195).

Amendment 1 addresses scope, funding, and scheduling issues on various projects around the state. This amendment also includes technical changes such as implementation of Phase 0 as well as redefining Phase 9. In an effort to better align with the Federal-aid highway program's Fiscal Management Information System (FMIS), Phase 0 replaces Phase 9 as the new Multi-Phase designation. Phase 9 is now used to identify projects which will not result in physical construction.

It includes a statement of the state funds budgeted to adequately operate and maintain the surface transportation system. None of these projects will require an update of the air quality non-attainment conformity analysis. In developing the final draft, we took into consideration all comments received during the public review. The comments will be available on the Department's STIP webpage. Enclosed please find a fiscal summary and a detailed funding plan. More information can be found on the Alaska DOT&PF STIP website at www.dot.alaska.gov/stip.

As specified in 23 CFR §450.218, the State certifies that the transportation planning process is being carried out in accordance with all applicable requirements of:

- (1) 23 U.S.C. 134 and 135, 49 U.S.C. 5303 and 5304, and this part;
- (2) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d- 1) and 49 CFR part 21;
- (3) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;

- (4) Section 1101(b) of the SAFETEA- LV (Pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- (5) 23 CFR part 230, regarding implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- (6) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 *et seq.*) and 49 CFR parts 27, 37, and 38;
- (7) Sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93;
- (8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- (9) Section 324 of title 23 U.S.C., regarding the prohibition of discrimination based on gender; and,
- (10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

We request your approval of Amendment 1 to the 2016-2019 Alaska STIP.

Sincerely,



Marc Luiken,
Commissioner

Enclosures

cc: Maren Brantner, STIP Planner, Statewide Transportation Improvement Program, DOT&PF
 James Boyle, Planning Chief, Headquarters, DOT&PF
 Amy Changchien, Director, Office of Planning and Program Development, FTA
 Judy Chapman, Planning Chief, Northern Region, DOT&PF
 Ned Conroy, Community Planner, FTA
 Mike Crabb, Division Operations Manager, DOT&PF
 Sheila Good, STIP Manager, Statewide Transportation Improvement Program, DOT&PF
 Andy Hughes, Planning Chief, Southeast Region, DOT&PF
 John Lohrey, Statewide Programs Team Leader, FHWA
 Mike Vigue, Director, Program Development, DOT&PF

2016-2019 Alaska Statewide Transportation Improvement Program

Alaska Department of Transportation & Public Facilities

Division of Program Development

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 2016-2019 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 must be 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 must be consistent with, and implement, the policies of Let's Get Moving 2030, the Statewide Long Range Transportation Policy Plan (this plan is currently being updated). The plan articulates policies for system development, system preservation, management and operations, economic development, safety, security, environment and quality of life, and good government. It identifies numerous goals for each of the policies and establishes action steps for plan implementation. The Statewide Long-Range Transportation Policy Plan: Let's Get Moving 2030, is available on the DOT&PF website at <http://dot.alaska.gov/stwdplng/areaplans/2030/>.

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

Transportation Improvement Programs (TIPs) prepared by 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/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. Except in the case of an administrative modification of a transit project, 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 regional planners in Anchorage, Fairbanks or Juneau. A Regional Area Planner's 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.

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 federal dollars 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, with regional offices in Fairbanks, Anchorage and Juneau. The regional 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 incorporated by reference into the STIP. Alaska has two Metropolitan areas: Anchorage Metropolitan Area (AMATS) and Fairbanks Metropolitan Area (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, 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 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 got their air quality 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 local 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 will depend upon 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.

Planning, Phase 8 - In the planning phase, a project need is identified, its purpose and preliminary scope or description is prepared, supporting material is gathered, and the project is evaluated, ranked and programmed. 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.

Design (Preliminary Engineering), Phase 2 - The design or preliminary engineering phase typically takes the longest time of the phases to complete. It takes the relatively broad outlines of 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 necessary 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 the Draft 2016-2019 STIP, 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. If you have questions about projects in this section, please contact the AMHS Planner: Phone: (907) 228-6801 Email: christa.hagan@alaska.gov

2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28789

Title: AMHS Gustavus Ferry Terminal Modifications

Region: Marine Highways

Place Name: Gustavus

Highway: Alaska Highway

Project Description:

This project would include traction improvements on the apron, lighting for the purser's shelter, realignment of the dock at the head of the bridge to provide a more direct transfer of vehicles and create alternate access to the adjacent boat harbor to enhance secure access to the public ferry system.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	5,200,000	0	0	0	
Construction	ACC	0	-5,200,000	0	0	
Construction	FBF	0	5,200,000	0	0	
Construction	SM	1,300,000	0	0	0	
Totals:		6,500,000	0	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: Rural Minor Collector
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	FBF	15,209,259	0	0	0	
Construction	SM	3,802,315	0	0	0	
Totals:		19,011,574	0	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: Various Boroughs	Functional Class: -
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29709

Title: Auke Bay Ferry Terminal Modification and Improvements

Region: Marine Highways

Place Name: Juneau

Highway: Marine Highway

Project Description:

Install an additional dolphin at the Auke Bay Stern Berth, and improve mooring and berthing capabilities at the existing facility and refurbish the transfer bridge. Also to include ferry terminal building refurbishment, including bathroom upgrades, ticket counter remodel, and roof replacement.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	FBF	320,000	0	0	0	
Design	SM	80,000	0	0	0	
Construction	FBF	0	2,400,000	0	0	
Construction	SM	0	600,000	0	0	
Totals:		400,000	3,000,000	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	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 27454

Title: Kake Ferry Terminal Improvements

Region: Marine Highways

Place Name: Kake

Highway: N/A

Project Description:

This project provides for the construction of a new passenger terminal building with restrooms and improves upland parking and staging areas at the Kake Ferry Terminal facility. The work also includes placement of new sewer and water utilities to service the new terminal building and will also include refurbishment of the marine structures.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-934,838	0	0	0	
Construction	FBF	934,838	0	0	0	
Totals:		0	0	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27450

Title: Ketchikan Ferry Terminal Improvements

Region: Marine Highways

Place Name: Ketchikan

Highway: N/A

Project Description:

This project will remedy structural and operational deficiencies at the Ketchikan Ferry Terminal facility. 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.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-2,772,053	0	0	0	
Construction	NHPP	2,772,053	0	0	0	
Totals:		0	0	0	0	0

Program: Alaska 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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 13883

Title: Skagway Terminal Modifications

Region: Marine Highways

Place Name: Skagway

Highway: Marine Highway

Project Description:

Modify float for AMHS ferries.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	4,400,000	0	0	0	
Construction	ACC	0	0	-4,400,000	0	
Construction	FBF	0	0	4,400,000	0	
Construction	SM	1,100,000	0	0	0	
Totals:		5,500,000	0	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	FBF	0	240,000	0	240,000	
Other / Miscellaneous	SM	0	60,000	0	60,000	
Totals:		0	300,000	0	300,000	0

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	FBF	0	300,000	0	300,000	
Other / Miscellaneous	SM	0	75,000	0	75,000	
Totals:		0	375,000	0	375,000	0

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	FBF	980,000	1,600,000	1,600,000	1,600,000	
Design	SM	470,000	400,000	400,000	400,000	
Construction	ACC	-19,078,557	0	0	0	
Construction	FBF	19,078,557	3,300,000	4,800,000	14,400,000	
Construction	SM	0	825,000	1,500,000	3,600,000	
Totals:		1,450,000	6,125,000	8,300,000	20,000,000	20,000,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	FBF	0	400,000	0	400,000	
Design	SM	0	100,000	0	100,000	
Construction	FBF	0	4,400,000	0	1,000,000	
Construction	SM	0	1,100,000	0	200,000	
Totals:		0	6,000,000	0	1,700,000	26,400,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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
Iways 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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	SM	27,090	0	0	0	
Construction	STP	272,910	0	0	0	
Totals:		300,000	0	0	0	0

Program: Alaska Highway System	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30189

Title: AMHS Tustumena Replacement Vessel

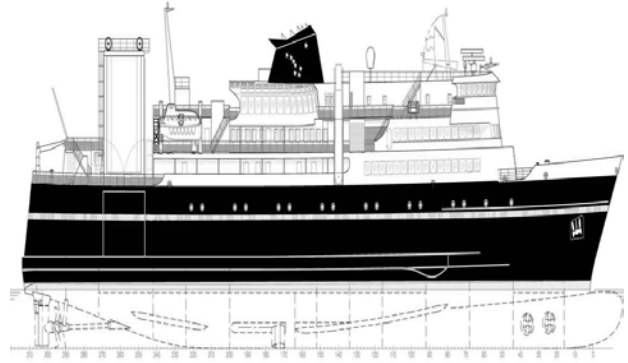
Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

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



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	216,144,720	0	0	
Construction	ACC	0	0	-54,036,180	-54,036,180	
Construction	NHPP	0	0	54,036,180	54,036,180	
Construction	SM	0	21,455,280	0	0	
Totals:		0	237,600,000	0	0	108,072,360

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	FBF	160,000	0	0	0	
Design	SM	40,000	0	0	0	
Construction	FBF	0	640,000	0	0	
Construction	SM	0	160,000	0	0	
Totals:		200,000	800,000	0	0	0

Program: National 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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28790

Title: AMHS Tenakee Ferry Terminal Improvements

Region: Marine Highways

Place Name: Tenakee Springs

Highway: Marine Highway

Project Description:

Replace all existing mooring and transfer bridge structures.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	8,000,000	0	0	
Construction	ACC	0	0	-8,000,000	0	
Construction	FBF	0	0	8,000,000	0	
Construction	SM	0	2,000,000	0	0	
Totals:		0	10,000,000	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:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	FBF	1,600,000	0	0	0	
Construction	SM	400,000	0	0	0	
Totals:		2,000,000	0	0	0	0

Program: Alaska Highway System	Sponsor:
Primary Work: Ferry Boats	PEB Score:
2013 Election District:	Criteria:
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): not identified	



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

2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2186

Title: Aleknagik Wood River Bridge Approach Roads

Region: Central

Place Name: Aleknagik

Highway:

Project Description:

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



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	8,274,630	0	0	0	
Construction	ACC	0	0	-8,274,630	0	
Construction	SM	825,370	0	0	0	
Construction	STP	0	0	8,274,630	0	
Utilities	AC	136,455	0	0	0	
Utilities	ACC	0	0	-136,455	0	
Utilities	SM	13,545	0	0	0	
Utilities	STP	0	0	136,455	0	
Totals:		9,250,000	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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	SM	0	90,700	0	0	
Construction	STP	0	909,300	0	0	
Utilities	SM	0	907	0	0	
Utilities	STP	0	9,093	0	0	
Totals:		0	1,010,000	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 6460

Title: AMATS CTP Program Allocation

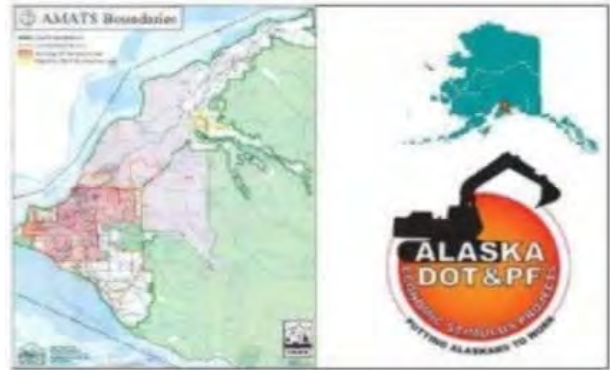
Region: Central

Place Name: Anchorage

Highway:

Project Description:

AMATS CTP Program Allocation. See AMATS TIP for projects.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	250,000	250,000	250,000	250,000	
Multi-Phase Activity	SM	1,893,261	1,893,261	1,893,261	1,893,261	
Multi-Phase Activity	STP	21,591,640	21,591,640	21,591,640	21,561,640	
Totals:		23,734,901	23,734,901	23,734,901	23,704,901	142,409,400

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 9299

Title: AMATS CMAQ Allocation for Qualifying Air Quality Projects

Region: Central

Place Name: Anchorage

Highway:

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-181,940	0	0	0	
Construction	CMAQ-M	181,940	0	0	0	
Other / Miscellaneous	ACC	-272,910	0	0	0	
Other / Miscellaneous	CMAQ-M	1,364,550	1,091,640	1,091,640	1,091,640	
Other / Miscellaneous	SM	108,360	108,360	108,360	108,360	
Totals:		1,200,000	1,200,000	1,200,000	1,200,000	7,200,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Traffic Management Operations	PEB Score: 999
2013 Election District: 50 Anchorage Area-wide	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class: Unclassified
Municipal Planning Org. (MPO): AMATS	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 12640

Title: Seward Highway MP 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.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	545,820	0	0	0	
Design	SM	54,180	0	0	0	
Right of Way	NHPP	454,900	0	0	0	
Right of Way	SM	45,100	0	0	0	
Totals:		1,100,000	0	0	0	20,500,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: New Construction	PEB Score:
2013 Election District: 28 South Anchorage	Criteria: Urban and Rural
Borough/Census Area: Anchorage, Municipality of	Functional Class: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 12641

Title: Seward Highway MP 105-115 Passing Lanes Indian to Potter

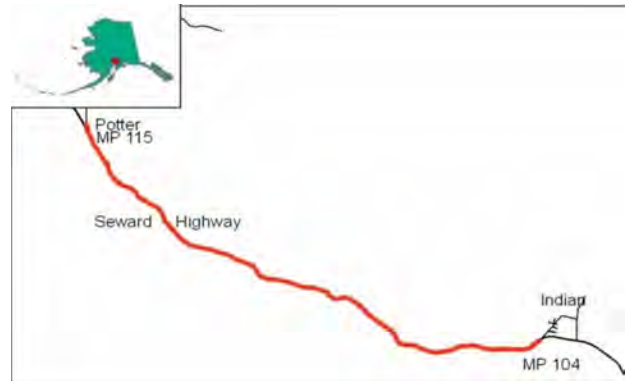
Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Construct passing lanes and a trail between Indian and Potter Marsh. Includes Windy Corner project to expand and improve the existing pullout and add pedestrian/wildlife viewing, interpretation and landscaping. Segment of Seward Highway Passing Lanes project. First phase of construction will improve the highway in the vicinity of Windy Corner. The initial state funds will construct a portion of the total project, specifically a 2 mile segment: MP 105-107.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	OSF	0	5,000,000	0	0	
Right of Way	NHPP	0	90,930	0	0	
Right of Way	SM	0	9,070	0	0	
Construction	AC	0	0	64,588,700	0	
Construction	ACC	0	0	0	-24,797,700	
Construction	NHPP	0	0	0	24,797,700	
Construction	OSF	0	0	5,000,000	0	
Construction	SM	0	0	6,411,300	0	
Utilities	AC	0	0	454,850	0	
Utilities	ACC	0	0	0	-454,850	
Utilities	NHPP	0	0	0	454,850	
Utilities	SM	0	0	45,150	0	
Totals:		0	5,100,000	76,500,000	0	39,791,000

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: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26793

Title: Anchorage Midtown Congestion Relief

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Project will construct improvements to the Seward Highway through midtown Anchorage, from 36th Avenue to 20th Avenue.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	206,000,000

Program: National Highway System	Sponsor:
Primary Work: Congestion	PEB Score:
2013 Election District: 16 College Gate	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class:
Municipal Planning Org. (MPO): AMATS	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27249

Title: Curb Ramp Improvements L Street to Ingra Street

Region: Central

Place Name: Anchorage

Highway: N/A

Project Description:

This Preventive Maintenance project will improve curb ramps from L Street to Ingra Street to meet current ADA standards.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	454,850	0	0	0	
Construction	SM	45,150	0	0	0	
Utilities	NHPP	45,485	0	0	0	
Utilities	SM	4,515	0	0	0	
Totals:		550,000	0	0	0	0

Program: National Highway System	Sponsor:
Primary Work: System Preservation	PEB Score:
2013 Election District: 20 Downtown Anchorage	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-43,380,410	0	0	0	
Construction	NHPP	43,380,410	0	0	0	
Utilities	ACC	-162,498	0	0	0	
Utilities	NHPP	162,498	0	0	0	
Totals:		0	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: -
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28290

Title: Anchorage Area Principal Arterial Pavement Resurfacing and ADA Compliance

Region: Central

Place Name: Anchorage

Highway: N/A

Project Description:

This Preventive Maintenance project will extend the service life of the Interstate System, NHS routes, and Principal Arterials and improve curb ramps to meet ADA standards. The scope does not include landscaping or other elements inconsistent with a pavement preservation focus. Initial phase includes auditing State roads as part of resurfacing efforts 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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	ACC	-68,227	0	0	0	
Multi-Phase Activity	NHPP	9,256,197	0	0	0	
Multi-Phase Activity	SM	1,281,174	0	0	0	
Totals:		10,469,144	0	0	0	0

Program: National Highway System	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 50 Anchorage Area-wide	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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. This proposal is for research, planning, design phase.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	13,545	0	18,060	0	
Design	FLAP	136,455	0	181,940	0	
Construction	3PF	0	16,348	164,292	0	
Construction	FLAP	0	164,292	1,655,108	0	
Totals:		150,000	180,640	2,019,400	0	0

Program: Federal Lands Access Program	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 23 Taku	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class:
Municipal Planning Org. (MPO): AMATS	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29729

Title: Seward Highway Dimond Boulevard to Dowling Road Rehabilitation

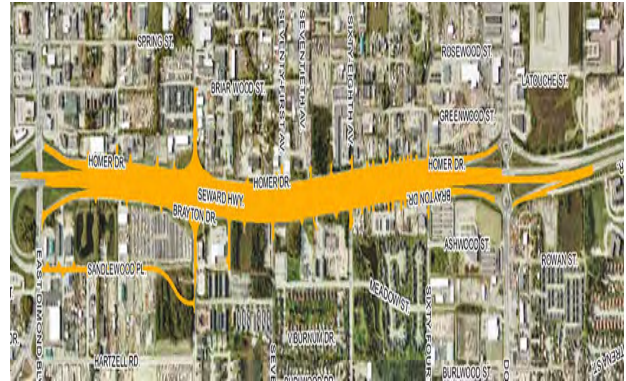
Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Project will widen the Seward Highway from 4 to 6 lanes, connect Sandlewood Drive with Lore Road, reconstruct Homer and Brayton Drive frontage roads as a single lane road with sidewalks and connect these frontage roads with a grade separate crossing (underpass) of the New Seward Highway at 76th Avenue.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	3,500,000	0	0	0	
Design	SM	347,650	0	0	0	
Construction	AC	67,126,763	0	0	0	
Construction	ACC	0	-12,361,200	-37,000,000	-17,765,563	
Construction	NHPP	0	12,361,200	37,000,000	17,765,563	
Construction	SM	6,663,237	0	0	0	
Utilities	AC	3,638,800	0	0	0	
Utilities	ACC	0	-3,638,800	0	0	
Utilities	NHPP	0	3,638,800	0	0	
Utilities	SM	361,200	0	0	0	
Totals:		81,637,650	0	0	0	0

Program:	National Highway System	Sponsor:	
Primary Work:	Reconstruction	PEB Score:	
2013 Election District:	24 Oceanview	Criteria:	
Borough/Census Area:	Anchorage, Municipality of	Functional Class:	PRINCIPAL ARTERIAL - FREEWAY/EXPRESSWAY
Municipal Planning Org. (MPO):	non-MPO		



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	1,364,550	0	
Design	SM	0	0	135,450	0	
Totals:		0	0	1,500,000	0	19,000,000

Program:	National Highway System	Sponsor:	
Primary Work:	Congestion	PEB Score:	
2013 Election District:	24 Oceanview	Criteria:	
Borough/Census Area:	Anchorage, Municipality of	Functional Class:	PRINCIPAL ARTERIAL - FREEWAY/EXPRESSWAY
Municipal Planning Org. (MPO):	non-MPO		



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 the first phase of construction for the Seward Highway. The first construction phase includes a southbound auxiliary lane from Dimond Blvd. to 92nd Ave., a southbound auxiliary lane from 92nd Ave. to O'Malley Rd., the reconstruction of 92nd Ave. from the Old Seward Hwy. to the Seward Hwy., and a new traffic signal at the Old Seward Hwy. and 92nd Ave. intersection. The second phase of this project reconstructs 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 is funded under Need ID 30691.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	ACC	-6,071,000	0	0	0	
Design	NHPP	6,071,000	0	0	0	
Construction	ACC	-5,000,859	0	0	0	
Construction	NHPP	5,000,859	0	0	0	
Utilities	ACC	-1,665,431	0	0	0	
Utilities	NHPP	1,665,431	0	0	0	
Totals:		0	0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 50 Anchorage Areawide</p> <p>Borough/Census Area: Anchorage, Municipality of</p> <p>Municipal Planning Org. (MPO): non-MPO</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - FREEWAY/EXPRESSWAY</p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29738

Title: Seward Highway at 36th Avenue Interchange

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Construct a grade separated interchange at the Seward Highway and 36th Avenue.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	56,000,000

Program: National Highway System	Sponsor:
Primary Work: Other	PEB Score:
2013 Election District: 24 Oceanview	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30399

Title: Campbell Airstrip Road and Trail Improvements MP 0.3 to 0.7

Region: Central

Place Name: Anchorage

Highway: N/A

Project Description:

Improve multi-modal access to the trails system in Campbell Tract-FNBP, improve the roadway, address speeding, improve sight distance, and accommodate snow storage needs while retaining the scenic attributes.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	0	180,600	0	0	
Construction	FLAP	0	1,819,400	0	0	
Totals:		0	2,000,000	0	0	0

Program: Federal Lands Access Program	Sponsor: _____
Primary Work: Other	PEB Score: _____
2013 Election District: 23 Taku	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 and first construction phase are under Need ID 29731.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	AC	0	0	18,194,000	0	
Right of Way	SM	0	0	1,806,000	0	
Totals:		0	0	20,000,000	0	112,818,000

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2231

Title: Bethel Tundra Ridge Road

Region: Central

Place Name: Bethel

Highway:

Project Description:

Resurface Tundra Ridge Road, a distance of about 1.04 mi., with asphalt. Project does not include separated pathways or illumination.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	3,900,000

Program: Community Transportation Program	Sponsor: City of Bethel
Primary Work: System Preservation	PEB Score: 199
2013 Election District: 38 Lower Kuskokwim	Criteria: Remote and Trails
Borough/Census Area: Bethel	Functional Class: Rural Local Road
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 23335

Title: Bethel Ridgecrest Drive Rehabilitation

Region: Central

Place Name: Bethel

Highway:

Project Description:

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	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	SM	6,349	0	0	0	
Right of Way	STP	63,651	0	0	0	
Construction	AC	0	2,827,627	0	0	
Construction	ACC	0	0	0	-2,827,627	
Construction	HPRL	0	447,293	0	0	
Construction	SM	0	325,080	0	0	
Construction	STP	0	0	0	2,827,627	
Utilities	AC	0	272,910	0	0	
Utilities	ACC	0	0	0	-272,910	
Utilities	SM	0	27,090	0	0	
Utilities	STP	0	0	0	272,910	
Totals:		70,000	3,900,000	0	0	0

Program: Community Transportation Program	Sponsor: City of Bethel
Primary Work: Reconstruction	PEB Score:
2013 Election District: 38 Lower Kuskokwim	Criteria:
Borough/Census Area: Bethel	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 29740
Title: City of Bethel
Region: Central
Place Name: Bethel
Highway: N/A

Project Description:
FTA Ladders to Success funding for bus shelters and 1 vehicle



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	20,580	0	0	0	
Construction	5309BU	82,318	0	0	0	
Totals:		102,898	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: -
Primary Work: Transit	PEB Score: -
2013 Election District: 38 Lower Kuskokwim	Criteria: -
Borough/Census Area: Bethel	Functional Class: -
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2251

Title: Winter Trail Marking

Region: Central

Place Name: Central Region

Highway:

Project Description:

Mark overland winter trails in the western area of Central Region with semi-permanent trail markers. Trail markers will ensure winter travelers can safely journey between communities in the area.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	9,030	4,515	4,515	4,515	
Design	STP	90,970	45,485	45,485	45,485	
Construction	SM	0	22,575	45,150	45,150	
Construction	STP	0	227,425	454,850	454,850	
Totals:		100,000	300,000	550,000	550,000	0

Program: Trails and Recreational Access for Alaska	Sponsor: DOT&PF
Primary Work: Safety	PEB Score: 999
2013 Election District: 92 Central Region	Criteria: TRAAK
Borough/Census Area: Various Boroughs	Functional Class: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2320

Title: Glenn Highway MP 53-56 Reconstruction Moose Creek Canyon

Region: Central

Place Name: Central Region

Highway: Glenn Highway

Project Description:

Reconstruct from MP 53 to MP 56, including replacement of the Moose Creek Bridge. Project straightens horizontal curve. Includes Bridge No. 0541 Moose Creek.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	NHPP	0	2,729,100	0	0	
Right of Way	SM	0	270,900	0	0	
Totals:		0	3,000,000	0	0	58,000,000

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: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2617

Title: MP 17-22.5 Rehabilitation Snow River to Lawing

Region: Central

Place Name: Central Region

Highway: Seward Highway

Project Description:

Project has been developed in phases. This remaining final phase from MP 17 to 22.5 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	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	57,700,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Bridge Rehabilitation	PEB Score:
2013 Election District: 29 North Kenai	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2620

Title: Seward Highway MP 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 to include passing lanes.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	909,700	0	0	
Design	SM	0	90,300	0	0	
Totals:		0	1,000,000	0	0	60,000,000

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2670

Title: Sterling Highway MP 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 (MP 157) and the top of Homer Hill (MP 169). Also includes the replacement of bridge #666 and bridge #4020. Project will be delivered in multiple phases of construction. Project will be coordinated with, and partially funded by, the Highway Safety Improvement Program.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	3,638,800	0	0	0	
Design	SM	361,200	0	0	0	
Right of Way	NHPP	0	454,850	0	0	
Right of Way	SM	0	45,150	0	0	
Totals:		4,000,000	500,000	0	0	61,000,000

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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2673

Title: Sterling Hwy MP 45-60 Sunrise Inn to Skilak Lake Road
Construction

Region: Central

Place Name: Central Region

Highway: Sterling Highway

Project Description:

Construct a new two-lane highway with 12-foot driving lanes, paved shoulders and passing and climbing lanes where necessary from MP 45 to MP 60.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	AC	0	0	20,004,600	0	
Design	ACC	0	0	0	-10,002,300	
Design	NHPP	0	0	0	10,002,300	
Design	SM	0	0	1,986,600	0	
Totals:		0	0	21,991,200	0	247,002,300

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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 6087

Title: Highway Safety Improvement Program/Safety Management

Region: Central

Place Name: Central Region

Highway:

Project Description:

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



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SA	607,500	607,500	607,500	607,500	
Other / Miscellaneous	SM	67,500	67,500	67,500	67,500	
Totals:		675,000	675,000	675,000	675,000	4,050,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 11925

Title: Seward Highway MP 75-90 Ingram Creek to Girdwood Road and Bridge Rehabilitation

Region: Central

Place Name: Central Region

Highway: Seward Highway

Project Description:

Description: The project includes rehabilitation of the highway including passing lanes, and parking accommodations from MP 81 (just north of Twenty Mile River) to MP 90 (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 the highway from MP 75 to 77 including construction of passing lanes and the rehabilitation of the Ingram Creek Bridge near the southern termini of the project. Initial earthwork will be accomplished for the middle section of the project from Twenty Mile River to Placer River to take advantage of existing material sources and allow time for settling on realigned portions of highway. Final construction of this middle segment will occur as project Need ID 30569.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	2,729,100	0	0	
Design	SM	0	270,900	0	0	
Right of Way	NHPP	0	1,364,550	0	0	
Right of Way	SM	0	135,450	0	0	
Construction	AC	0	66,378,900	0	0	
Construction	ACC	0	0	-22,126,300	-22,126,300	
Construction	NHPP	0	0	22,126,300	22,126,300	
Construction	SM	0	6,621,100	0	0	
Utilities	NHPP	0	7,456,260	0	0	
Utilities	SM	0	743,740	0	0	
Totals:		0	85,700,000	0	0	22,126,300

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 11959

Title: Glenn Highway MP 34-42 Reconstruction Parks to Old Glenn Hwy

Region: Central

Place Name: Central Region

Highway: Glenn Highway

Project Description:

Reconstruct to four lanes, pathway and shoulders. Accommodate turning movements and add traffic, safety, and intersection improvements as necessary. Project may be developed in phases.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	NHPP	0	5,458,200	0	0	
Right of Way	SM	0	541,800	0	0	
Construction	AC	0	0	36,388,000	0	
Construction	ACC	0	0	0	-18,194,000	
Construction	NHPP	0	0	0	18,194,000	
Construction	SM	0	0	3,612,000	0	
Utilities	NHPP	0	0	9,097,000	0	
Utilities	SM	0	0	903,000	0	
Totals:		0	6,000,000	50,000,000	0	27,291,000

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: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 18924

Title: Pavement and Bridge Rehabilitation

Region: Central

Place Name: Central 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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	ACC	-11,230,828	-11,230,828	0	0	
Multi-Phase Activity	NHPP	18,194,000	17,085,811	17,085,811	18,194,000	
Multi-Phase Activity	SM	3,084,505	2,741,302	3,185,767	3,612,000	
Multi-Phase Activity	STP	15,964,415	13,271,910	18,194,000	18,194,000	
Totals:		26,012,092	21,868,195	38,465,578	40,000,000	240,000,000

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: _____
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26230

Title: Flashing Yellow Arrow ITS Project

Region: Central

Place Name: Central Region

Highway:

Project Description:

Incorporate flashing yellow arrow (FYA) operations at traffic signals to increase the efficiency and safety of left turn movements. Upgrade signal supports, hardware, wiring, electronics, communication equipment, Traffic Management Centers, timing plans and provide related items to accommodate FYA. Provide Training, Maintenance, and Operational funding as allowed by ITS. Integrate with other ITS functions such as the 511 system. Project funding is supplemented with funds from the Highway Safety Improvement Program.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-1,988,463	0	0	0	
Construction	STP	1,988,463	0	0	0	
Totals:		0	0	0	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: ITS	PEB Score: 313
2013 Election District: 92 Central Region	Criteria: Intelligent Transportation Systems
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28089

Title: Glenn Highway MP 66.5 to 92 Rehabilitation

Region: Central

Place Name: Central Region

Highway: Glenn Highway

Project Description:

This project is the design effort and right-of-way acquisition for rehabilitation of the Glenn Highway from King River (MP 66.5) to Cascade (MP 92). Actual construction work is being phased under separate projects identified elsewhere in the STIP as Need ID's 29930, 29931, and 30396.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	NHPP	227,425	0	0	0	
Right of Way	SM	22,575	0	0	0	
Totals:		250,000	0	0	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29930

Title: Glenn Highway Rehabilitation Long Lake Section: MP 84.5 to 92

Region: Central

Place Name: Chickaloon

Highway: Glenn Highway

Project Description:

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



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	NHPP	0	4,546,500	0	0	
Right of Way	SM	0	453,500	0	0	
Totals:		0	5,000,000	0	0	82,600,000

Program: National Highway System	Sponsor: -
Primary Work: Reconstruction	PEB Score: -
2013 Election District: 12 Chugiak/Gateway	Criteria: -
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: -
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 29931

Title: Glenn Highway Rehabilitation MP 79-84.5

Region: Central

Place Name: Chickaloon

Highway: Glenn Highway

Project Description:

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



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	2,428,400	0	
Design	SM	0	0	171,600	0	
Totals:		0	0	2,600,000	0	40,527,400

Program: National Highway System	Sponsor: -
Primary Work: Reconstruction	PEB Score: -
2013 Election District: 12 Chugiak/Gateway	Criteria: -
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: -
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28470

Title: Snug Harbor Road Paving and Bike Lane

Region: Central

Place Name: Cooper Landing

Highway: N/A

Project Description:

Provide a bike path, reduce dust, and ensure a stable driving surface on the Snug Harbor Road from MP 0.0 to MP 1.80.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	FLAP	278,368	40,026	0	0	
Construction	SM	27,632	3,974	0	0	
Totals:		306,000	44,000	0	0	0

Program: Federal Lands Access Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: Rural Minor Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 16030

Title: Dillingham Downtown Streets Reconstruction and Rehabilitation

Region: Central

Place Name: Dillingham

Highway:

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	3,210,786	0	0	
Construction	ACC	0	0	-3,210,786	0	
Construction	SM	0	637,428	0	0	
Construction	STP	0	3,210,786	3,210,786	0	
Utilities	SM	0	27,180	0	0	
Utilities	STP	0	273,820	0	0	
Totals:		0	7,360,000	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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29912

Title: Glenn Highway Eklutna to Parks Highway Pavement Preservation

Region: Central

Place Name: Eklutna

Highway: Glenn Highway

Project Description:

Resurface the Glenn Highway from Eklutna to the Parks Highway.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	ILLU	0	4,670	0	0	
Right of Way	SM	0	330	0	0	
Construction	ILLU	0	9,340,000	0	0	
Construction	SM	0	660,000	0	0	
Utilities	ILLU	0	9,340	0	0	
Utilities	SM	0	660	0	0	
Totals:		0	10,015,000	0	0	0

Program: National Highway System	Sponsor:
Primary Work: System Preservation	PEB Score:
2013 Election District: 16 College Gate	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30400

Title: Crow Creek Road MP 4.3 to MP 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 armor, replacement/repair of approach rails, bridge signage, and clearing of brush to restore safe sight distance.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	0	0	62,609	0	
Design	FLAP	0	0	620,666	0	
Construction	3PF	0	0	6,115	0	
Construction	FLAP	0	0	61,610	0	
Totals:		0	0	751,000	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: N/A
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 23197

Title: Homer Lake Street Rehabilitation

Region: Central

Place Name: Homer

Highway:

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	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	SM	0	29,899	0	0	
Right of Way	STP	0	301,111	0	0	
Totals:		0	331,010	0	0	5,450,000

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:
Municipal Planning Org. (MPO): not identified	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 19226

Title: Central Kenai Peninsula Transportation (CARTS)

Region: Central

Place Name: Kenai

Highway:

Project Description:

Bus and Bus Facility Allocations, FTA Section 5309 Earmark ID E2005-BUSP-007 Carryover from FFY'05 Purchase of vehicles and vehicle maintenance



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	210,284	0	0	0	
Multi-Phase Activity	5309BU	841,136	0	0	0	
Totals:		1,051,420	0	0	0	0

Program: <u>Community Transportation Program</u>	Sponsor: <u>Central Area Rural Transit System</u>
Primary Work: <u>Transit</u>	PEB Score: _____
2013 Election District: <u>90 Kenai Areawide</u>	Criteria: <u>Transit</u>
Borough/Census Area: <u>Kenai Peninsula Borough</u>	Functional Class: _____
Municipal Planning Org. (MPO): <u>non-MPO</u>	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 23207

Title: Kenai Beaver Loop Road Improvement and Pedestrian Pathway

Region: Central

Place Name: Kenai

Highway:

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	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	AC	0	727,760	0	0	
Right of Way	SM	0	72,240	0	0	
Construction	AC	0	0	0	13,372,590	
Construction	SM	0	0	0	1,327,410	
Utilities	AC	0	0	0	909,700	
Utilities	SM	0	0	0	90,300	
Totals:		0	800,000	0	15,700,000	15,010,050

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:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27473

Title: Kenai Spur Road Rehabilitation

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	BOND	475,000	0	0	0	
Right of Way	BOND	150,000	0	0	0	
Construction	BOND	0	12,507,033	0	0	
Construction	HPRL	0	2,503,688	0	0	
Construction	SM	0	1,241,492	0	0	
Utilities	BOND	0	2,000,000	0	0	
Totals:		625,000	18,252,213	0	0	0

Program: National Highway System	Sponsor:
Primary Work: System Preservation	PEB Score:
2013 Election District:	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28690

Title: Kenai Peninsula Region Maintenance Decision Support System (MDSS) RWIS

Region: Central

Place Name: Kenai

Highway: Sterling Highway

Project Description:

This project will upgrade one existing Road Weather Information System (RWIS) site and add one new RWIS site to support the Central Region Maintenance Decision Support System (MDSS) program. The existing RWIS site at Sterling Highway MP 54.8 will be upgraded to full RWIS reporting capability. New RWIS sites will be deployed near MP 161 and 114. The project includes system design, hardware, sensors, cameras, software, and installation association with the site. 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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	5,895	0	0	0	
Design	STP	59,105	0	0	0	
Construction	SM	63,210	0	0	0	
Construction	STP	636,790	0	0	0	
Totals:		765,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor:
Primary Work: ITS	PEB Score:
2013 Election District: 90 Kenai Areawide	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 29115

Title: Sterling Highway MP 57 Erosion Protection

Region: Central

Place Name: Kenai

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	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	8,025,000

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30403

Title: Russian River Campground Access Rd Phase I

Region: Central

Place Name: Kenai

Highway: N/A

Project Description:

Redesign and reconstruct the campground entrance/exit points, overflow parking area, and the contact station.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	14,448	0	0	0	
Construction	FLAP	145,552	0	0	0	
Totals:		160,000	0	0	0	0

Program:	Federal Lands Access Program	Sponsor:	
Primary Work:	Transportation Enhancements	PEB Score:	
2013 Election District:	90 Kenai Areawide	Criteria:	
Borough/Census Area:	Kenai Peninsula Borough	Functional Class:	N/A
Municipal Planning Org. (MPO):	not identified		



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30569

Title: Seward Highway MP 77 to 81 Placer River to Twenty Mile River

Region: Central

Place Name: Kenai

Highway: Seward Highway

Project Description:

The project consists of final work to rehabilitate highway from MP 77 to 81 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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	0	0	90,748,140	
Construction	SM	0	0	0	9,051,860	
Utilities	NHPP	0	0	0	9,097	
Utilities	SM	0	0	0	903	
Totals:		0	0	0	99,810,000	99,810,000

Program: National Highway System	Sponsor: _____
Primary Work: Other	PEB Score: _____
2013 Election District: 90 Kenai Areawide	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 18240

Title: Seward Road Improvements

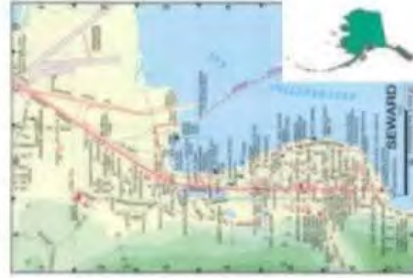
Region: Central

Place Name: Seward

Highway:

Project Description:

Rehabilitate or improve various City Streets or roads. May include widening, paving, resurfacing, drainage improvements, and ditching.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	270,900	0	0	0	
Construction	HPRL	2,690,603	0	0	0	
Utilities	3PF	903	0	0	0	
Utilities	HPRL	9,097	0	0	0	
Totals:		2,971,503	0	0	0	0

Program: Community Transportation Program	Sponsor: CITY OF SEWARD
Primary Work: Reconstruction	PEB Score: 199
2013 Election District: 29 North Kenai	Criteria: Remote and Trails
Borough/Census Area: Kenai Peninsula Borough	Functional Class: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29769

Title: Seward Marine Terminal Expansion Planning

Region: Central

Place Name: Seward

Highway: N/A

Project Description:

The TIGER grant will be used to develop a master plan for Alaska Railroad Corporation's Seward port facilities, including conceptual/preliminary design of the port and upland support facilities and future west passenger dock replacement. It includes a passenger traffic study, freight traffic study, transportation connectivity study, master plan, and infrastructure improvement cost estimates.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	3PF	500,000	0	0	0	
Other / Miscellaneous	TIGER	2,500,000	0	0	0	
Totals:		3,000,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor:
Primary Work: Railroad	PEB Score:
2013 Election District: 35 Sitka/Petersburg	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 11921

Title: Sterling Highway MP 60-79 Skilak Lake Road to Sterling
Rehabilitation and Passing Lanes

Region: Central

Place Name: Soldotna

Highway: Sterling Highway

Project Description:

Resurfacing, minor widening and passing lanes as needed.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	63,679,000	0	0	0	
Construction	ACC	0	0	-63,679,000	0	
Construction	NHPP	0	0	63,679,000	0	
Construction	SM	6,321,000	0	0	0	
Utilities	NHPP	454,850	0	0	0	
Utilities	SM	45,150	0	0	0	
Totals:		70,500,000	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: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 23120

Title: Funny River Road Improvements

Region: Central

Place Name: Soldotna

Highway:

Project Description:

Rehabilitate Funny River Road from the Sterling Highway to the Soldotna Municipal Airport, about 6,500 ft. This project may include realigning sections of the road - due to minor shifting of the road bed - within the ROW.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	SM	195,048	0	0	0	
Construction	STP	1,964,952	0	0	0	
Utilities	SM	7,676	0	0	0	
Utilities	STP	77,325	0	0	0	
Totals:		2,245,001	0	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26113

Title: Kalifornsky Beach Road MP 16-22.2 Paving Rehabilitation and Signalization

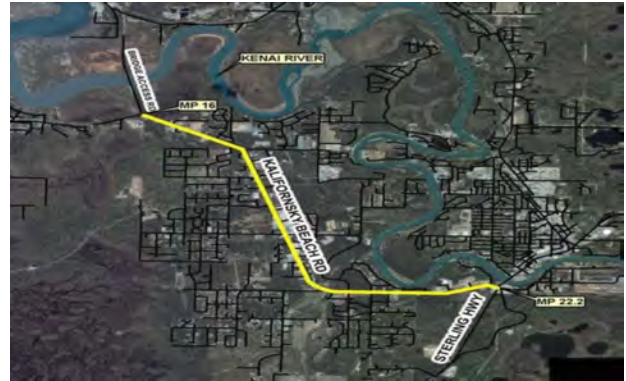
Region: Central

Place Name: Soldotna

Highway:

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	11,371,250	0	0	0	
Construction	ACC	0	-11,371,250	0	0	
Construction	SM	1,128,750	0	0	0	
Construction	STP	0	11,371,250	0	0	
Utilities	AC	90,970	0	0	0	
Utilities	ACC	0	-90,970	0	0	
Utilities	SM	9,030	0	0	0	
Utilities	STP	0	90,970	0	0	
Totals:		12,600,000	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: Urban Minor Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	9,933	9,933	13,545	0	
Design	FLAP	100,067	100,067	136,455	0	
Construction	3PF	15,278	0	120,623	0	
Construction	FLAP	153,922	0	1,215,177	0	
Totals:		279,200	110,000	1,485,800	0	0

Program: Federal Lands Access Program	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 30 Kenai/Soldotna	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 29389

Title: Central Area Rural Transit System (CARTS)

Region: Central

Place Name: Soldotna

Highway: N/A

Project Description:

Purchase/Construction of Transit Facility. This will be accomplished by a transfer to FTA.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	49,632	0	0	0	
Construction	STP	500,000	0	0	0	
Totals:		549,632	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: -
Primary Work: Transit	PEB Score: -
2013 Election District: 30 Kenai/Soldotna	Criteria: -
Borough/Census Area: Kenai Peninsula Borough	Functional Class: -
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29913

Title: Sterling Safety Corridor Improvements MP 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 divided highway with median or center two-way left turn lane where appropriate. Also included are a pathway and continuous illumination.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	2,274,250	0	0	0	
Design	SM	225,750	0	0	0	
Totals:		2,500,000	0	0	0	81,458,200

Program: National Highway System

Primary Work: System Preservation

2013 Election District: 34 Mendenhall Valley

Borough/Census Area: Kenai Peninsula Borough

Municipal Planning Org. (MPO): non-MPO

Sponsor:

PEB Score:

Criteria:

Functional Class:



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30549

Title: Kenai Spur Road Rehabilitation Phase 2

Region: Central

Place Name: Soldotna

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 second phase will construct a 5-lane highway to increase capacity and improve safety from Sports Lake Road to Robin Street (MP 2.4 to MP 5.2). Federal funds will supplement GO Bonds to complete the improvement (see NID 27473).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	909,700	0	0	
Design	SM	0	90,300	0	0	
Right of Way	NHPP	0	454,850	0	0	
Right of Way	SM	0	45,150	0	0	
Construction	AC	0	0	0	15,919,750	
Construction	SM	0	0	0	1,580,250	
Utilities	AC	0	0	0	4,548,500	
Utilities	SM	0	0	0	451,500	
Totals:		0	1,500,000	0	22,500,000	20,648,250

Program: National Highway System	Sponsor: _____
Primary Work: Safety	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27471

Title: Temperature Data Probe Network

Region: Central

Place Name: Statewide

Highway: N/A

Project Description:

This project will upgrade the statewide temperature data probe (TDP) network that provides the vertical temperature profiles for the seasonal weight restriction program. Non-working TDP sensors will be replaced, selected new sites will be installed, and communication hardware upgraded. The project includes TDP purchase, TDP installation, data loggers, and communication equipment.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	NHPP	204,683	22,743	22,743	22,743	
Multi-Phase Activity	SM	20,317	2,257	2,257	2,257	
Totals:		225,000	25,000	25,000	25,000	150,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: ITS	PEB Score:
2013 Election District: 92 Central Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26129

Title: Parks Highway Talkeetna Spur Road Pedestrian Improvements

Region: Central

Place Name: Susitna

Highway: Parks Highway

Project Description:

Pedestrian safety improvements in the general vicinity of the Parks Highway/Talkeetna Spur Road intersection. Project components include: 1) a lighted Parks Highway underpass from East Helena Ave to the north side of the Susitna Valley Middle/High School driveway, 2) a pathway on the east side of the Parks Highway from the underpass north to the Talkeetna Spur Road, and 3) a painted sidewalk across the Talkeetna Spur Road connecting the improvements to existing bike path.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ILLU	0	2,123,695	0	0	
Construction	SM	0	210,805	0	0	
Utilities	ILLU	0	218,328	0	0	
Utilities	SM	0	21,672	0	0	
Totals:		0	2,574,500	0	0	0

Program: National Highway System	Sponsor: Susitna Valley Community Council
Primary Work: Transportation Enhancements	PEB Score: 324
2013 Election District: 10 Rural MatSu	Criteria: TRAAK
Borough/Census Area: Matanuska - Susitna Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30249

Title: Glenn Highway Erosion Protection

Region: Central

Place Name: Sutton-Alpine

Highway: Glenn Highway

Project Description:

Project will address erosion threats to the Glenn Highway at MP 63 & 64 of the Glenn Highway and other locations deemed necessary.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	818,730	0	0	0	
Design	SM	81,270	0	0	0	
Right of Way	NHPP	454,850	0	0	0	
Right of Way	SM	45,150	0	0	0	
Construction	NHPP	3,638,800	0	0	0	
Construction	SM	361,200	0	0	0	
Utilities	NHPP	181,940	0	0	0	
Utilities	SM	18,060	0	0	0	
Totals:		5,600,000	0	0	0	0

Program: National Highway System Primary Work: System Preservation 2013 Election District: 12 Chugiak/Gateway Borough/Census Area: Matanuska - Susitna Borough Municipal Planning Org. (MPO): non-MPO	Sponsor: _____ PEB Score: _____ Criteria: _____ Functional Class: INTERSTATE
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26124

Title: Gold Creek Bridge and Tatalina Bridge Replacement

Region: Central

Place Name: Takotna

Highway:

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	18,060	0	0	0	
Design	STP	181,940	0	0	0	
Right of Way	SM	0	13,605	0	0	
Right of Way	STP	0	136,395	0	0	
Construction	SM	0	0	0	288,960	
Construction	STP	0	0	0	2,911,040	
Utilities	SM	0	0	0	13,545	
Utilities	STP	0	0	0	136,455	
Totals:		200,000	150,000	0	3,350,000	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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29116

Title: Parks Highway MP 90 to 99 Rehabilitation

Region: Central

Place Name: Trapper Creek

Highway: Parks Highway

Project Description:

Resurface the Parks Highway from MP 90 to 99. 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	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	NHPP	0	227,425	0	0	
Right of Way	SM	0	22,575	0	0	
Construction	AC	0	9,097,000	0	0	
Construction	ACC	0	0	-9,097,000	0	
Construction	NHPP	0	9,097,000	9,097,000	0	
Construction	SM	0	1,806,000	0	0	
Utilities	NHPP	0	682,275	0	0	
Utilities	SM	0	67,725	0	0	
Totals:		0	21,000,000	0	0	0

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29117

Title: Parks Highway MP 99 to 123.5 Rehabilitation

Region: Central

Place Name: Trapper Creek

Highway: Parks Highway

Project Description:

Rehabilitate the Parks Highway from MP 99 to 123.5 . Project is one of the construction phases of the parent project Need ID 28291 (Second phase of construction is 29118).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	AC	0	4,548	0	0	
Right of Way	SM	0	452	0	0	
Construction	AC	0	0	31,839,500	0	
Construction	ACC	0	0	0	-15,919,750	
Construction	NHPP	0	0	0	15,919,750	
Construction	SM	0	0	3,160,500	0	
Utilities	AC	0	0	682,276	0	
Utilities	SM	0	0	67,725	0	
Totals:		0	5,000	35,750,001	0	16,606,574

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29914

Title: Parks Highway MP 123.5 to MP 163 Drainage and Culvert Improvements

Region: Central

Place Name: Trapper Creek

Highway: Parks Highway

Project Description:

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



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ILLU	0	2,729,100	0	0	
Construction	SM	0	270,900	0	0	
Totals:		0	3,000,000	0	0	0

Program: National Highway System	Sponsor: -
Primary Work: System Preservation	PEB Score: -
2013 Election District: 15 Elmendorf	Criteria: -
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: -
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29733

Title: Glenn Highway Airport Heights to Hiland Road Pavement Preservation

Region: Central

Place Name: Various

Highway: Glenn Highway

Project Description:

Resurface the Glenn Highway from Airport Heights to Hiland Road.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	NHPP	0	4,670	0	0	
Right of Way	SM	0	330	0	0	
Construction	NHPP	0	14,282,290	0	0	
Construction	SM	0	1,417,710	0	0	
Utilities	NHPP	0	9,340	0	0	
Utilities	SM	0	660	0	0	
Totals:		0	15,715,000	0	0	0

<p>Program: <u>National Highway System</u></p> <p>Primary Work: <u>System Preservation</u></p> <p>2013 Election District: <u>50 Anchorage Areawide</u></p> <p>Borough/Census Area: <u>Anchorage, Municipality of</u></p> <p>Municipal Planning Org. (MPO): <u>non-MPO</u></p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: <u>PRINCIPAL ARTERIAL - FREEWAY/EXPRESSWAY</u></p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29734

Title: Sterling Highway MP 114 to MP 135 Pavement Preservation

Region: Central

Place Name: Various

Highway: Sterling Highway

Project Description:

Resurface the Sterling Highway from MP 114 to MP 135.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	ACC	0	-9,097	0	0	
Right of Way	NHPP	0	9,097	0	0	
Construction	ACC	0	-10,059,635	-10,059,635	0	
Construction	NHPP	0	10,059,635	10,059,635	0	
Utilities	ACC	0	-38,552	0	0	
Utilities	NHPP	0	38,552	0	0	
Totals:		0	0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: System Preservation</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>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - FREEWAY/EXPRESSWAY</p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29736

Title: Parks Highway MP 48.8 to MP 52.3 Pittman Road to Big Lake Road Reconstruction

Region: Central

Place Name: Various

Highway: Parks Highway

Project Description:

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



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	NHPP	4,654,935	0	0	0	
Right of Way	SM	462,065	0	0	0	
Construction	AC	0	0	30,916,200	0	
Construction	ACC	0	0	0	-15,458,100	
Construction	NHPP	0	0	0	15,458,100	
Construction	SM	0	0	3,083,800	0	
Utilities	NHPP	0	0	3,365,890	0	
Utilities	SM	0	0	334,110	0	
Totals:		5,117,000	0	37,700,000	0	15,458,100

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: PRINCIPAL ARTERIAL - FREEWAY/EXPRESSWAY
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29739

Title: Kenai Spur Road Environmental Mitigation

Region: Central

Place Name: Various

Highway: N/A

Project Description:

Project consists of upgrading the existing dirt road/trail with an upgraded hardened surface to mitigate the wetlands impacts from vehicle expanding the footprint of the current facility as they try to avoid the worst "mudholes".



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	67,725	0	0	0	
Design	EMRK	682,275	0	0	0	
Right of Way	3PF	903	0	0	0	
Right of Way	EMRK	9,097	0	0	0	
Construction	3PF	0	381,969	0	0	
Construction	EMRK	0	3,848,031	0	0	
Utilities	3PF	0	903	0	0	
Utilities	EMRK	0	9,097	0	0	
Totals:		760,000	4,240,000	0	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: Other	PEB Score:
2013 Election District: 90 Kenai Areawide	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30389

Title: Central Region ITS Repair and Upgrade Project

Region: Central

Place Name: Various

Highway: N/A

Project Description:

Purchase, repair, replace, redeploy, operate, and maintain as appropriate 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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	1,364,550	0	682,275	682,275	
Other / Miscellaneous	SM	135,450	0	67,725	67,725	
Totals:		1,500,000	0	750,000	750,000	4,500,000

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30390

Title: Central Region Adaptive Signal Control

Region: Central

Place Name: Various

Highway: N/A

Project Description:

Install, integrate, and operate equipment, to automatically change signal timing for progression depending on traffic demand.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	0	0	1,546,490	0	
Other / Miscellaneous	SM	0	0	153,510	0	
Totals:		0	0	1,700,000	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: ITS	PEB Score:
2013 Election District:	Criteria:
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 a systemic 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 appertinant drainage and erosion protection infrastructure will we repaired, replaced or improved as neccessary to protect the state's transportation infrastructure.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	NHPP	363,880	0	0	0	
Multi-Phase Activity	SM	45,150	0	0	0	
Multi-Phase Activity	STP	90,907	0	0	0	
Totals:		499,937	0	0	0	3,300,000

<p>Program: National Highway System</p> <p>Primary Work: Other</p> <p>2013 Election District: 70 MatSu Areawide</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: N/A</p>
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**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	SM	27,090	27,090	4,515	221,235	
Multi-Phase Activity	STP	272,910	272,910	45,485	2,228,765	
Totals:		300,000	300,000	50,000	2,450,000	2,200,000

Program: National 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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2481

Title: Seward Meridian Road Improvements

Region: Central

Place Name: Wasilla

Highway:

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 the portion of Northern Seward Meridian Road upgraded as project Need ID 30571.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	SM	0	181,400	0	0	
Right of Way	STP	0	1,818,600	0	0	
Construction	AC	0	0	0	13,376,590	
Construction	SM	0	0	0	1,323,410	
Utilities	SM	0	0	0	142,855	
Utilities	STP	0	0	0	1,439,145	
Totals:		0	2,000,000	0	16,282,000	13,376,590

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: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2503

Title: Wasilla Fishhook Road / Main Street

Region: Central

Place Name: Wasilla

Highway:

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	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	NHPP	0	5,185,290	0	0	
Right of Way	SM	0	514,770	0	0	
Totals:		0	5,700,060	0	0	27,100,000

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: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 11721

Title: Lucas Road Improvements

Region: Central

Place Name: Wasilla

Highway: Parks Highway

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-5,159,132	0	0	0	
Construction	STP	5,159,132	0	0	0	
Utilities	ACC	-845,475	0	0	0	
Utilities	STP	845,475	0	0	0	
Totals:		0	0	0	0	0

Program: Community Transportation Program	Sponsor: City of Wasilla
Primary Work: Reconstruction	PEB Score: 118.2
2013 Election District: 7 Greater Wasilla	Criteria: Urban and Rural
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: Rural Minor Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 11961

Title: Parks Highway MP 43.5-52.3 Reconstruction Lucas Road to Big Lake Cutoff

Region: Central

Place Name: Wasilla

Highway: Parks Highway

Project Description:

Widen Parks Highway to four lanes with attendant traffic and safety improvements between Wasilla and the Big Lake Cutoff. Includes Bridge No. 1922 Wasilla Railroad Crossing.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-9,775,405	0	0	0	
Construction	NHPP	9,775,405	0	0	0	
Utilities	ACC	-5,303,290	0	0	0	
Utilities	NHPP	5,303,290	0	0	0	
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Safety Corridor	PEB Score:
2013 Election District: 8 Big Lake/Point Mackenzie	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 23616

Title: Knik Goose Bay Road Widening Vine Road to Settlers Bay Drive

Region: Central

Place Name: Wasilla

Highway:

Project Description:

Knik-Goose Bay Road Safety Corridor project development activities for safety corridor including the rehabilitation of Knik-Goosebay Road between Vine Road and Settlers Bay Drive. This is a state funded project, separate from, but coordinated with, the federally funded project on Knik-Goosebay Road from Centaur Avenue to Vine Road (project Need ID 24596).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	BOND	1,200,000	0	0	0	
Construction	BOND	0	0	11,300,000	0	
Construction	OSF	0	0	12,200,000	0	
Utilities	BOND	0	0	2,500,000	0	
Totals:		1,200,000	0	26,000,000	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Safety Corridor	PEB Score:
2013 Election District: 7 Greater Wasilla	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 24596

Title: Knik Goose Bay Road Widening Centaur Avenue to Vine Road

Region: Central

Place Name: Wasilla

Highway:

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 can be constructed in multiple phases to fit funding.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	5,731,110	0	0	0	
Design	SM	568,890	0	0	0	
Right of Way	NHPP	0	5,913,050	0	0	
Right of Way	SM	0	586,950	0	0	
Construction	AC	0	0	0	55,000,000	
Construction	SM	0	0	0	4,921,350	
Utilities	AC	0	0	0	10,000,000	
Utilities	SM	0	0	0	415,380	
Totals:		6,300,000	6,500,000	0	70,336,730	65,000,000

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29911

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

Region: Central

Place Name: Wasilla

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, illumination, pedestrian accommodations and safety improvements as warranted.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	0	90,300	0	0	
Design	STP	0	909,700	0	0	
Right of Way	SM	0	0	0	90,300	
Right of Way	STP	0	0	0	909,700	
Totals:		0	1,000,000	0	1,000,000	8,500,000

Program: Alaska Highway System	Sponsor:
Primary Work: System Preservation	PEB Score:
2013 Election District: 14 Eagle River/Chugach State Park	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30571

Title: Northern Seward Meridian Road Improvements

Region: Central

Place Name: Wasilla

Highway: N/A

Project Description:

Project will upgrade existing 6/10ths of a mile of the existing Northern Seward Meridian Parkway 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. (Parent design project 2481)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	SM	0	90,700	0	0	
Right of Way	STP	0	909,300	0	0	
Construction	SM	0	0	907,000	0	
Construction	STP	0	0	9,093,000	0	
Totals:		0	1,000,000	10,000,000	0	0

<p>Program: Community Transportation Program</p> <p>Primary Work: Other</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>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: MINOR COLLECTOR</p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 11439

Title: Whittier Tunnel: Maintenance and Operations

Region: Central

Place Name: Whittier

Highway:

Project Description:

Federal-Aid eligible portion of Whittier tunnel and approaches maintenance and operations.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	3,775,255	3,775,255	3,775,255	3,775,255	
Construction	SM	374,745	374,745	374,745	374,745	
Totals:		4,150,000	4,150,000	4,150,000	4,150,000	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 28 South Anchorage	Criteria:
Borough/Census Area: Valdez-Cordova	Functional Class: Rural Minor Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ILLU	0	4,152,780	0	0	
Construction	SM	0	412,220	0	0	
Utilities	ILLU	0	545,820	0	0	
Utilities	SM	0	54,180	0	0	
Totals:		0	5,165,000	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor:
Primary Work: System Preservation	PEB Score:
2013 Election District: 28 South Anchorage	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28332

Title: Back-up generation for normal operations of the Anton Anderson Memorial (Whittier) Tunnel

Region: Central

Place Name: Whittier

Highway: N/A

Project Description:

This project will upgrade the current emergency power capabilities and establish full backup power for sustained normal tunnel operations during emergencies and prolonged power outages.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	181,860	0	0	0	
Design	SM	18,140	0	0	0	
Construction	NHPP	4,273,710	0	0	0	
Construction	SM	426,290	0	0	0	
Utilities	NHPP	227,325	0	0	0	
Utilities	SM	22,675	0	0	0	
Totals:		5,150,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor:
Primary Work: System Preservation	PEB Score:
2013 Election District: 28 South Anchorage	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29737

Title: Parks Highway Bridge Replacement Montana Creek and Sheep Creek

Region: Central

Place Name: Willow

Highway: Parks Highway

Project Description:

Replace Bridge 215 at Montana Creek and Bridge 213 at Sheep 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	FFY16	FFY17	FFY18	FFY19	After2019
Design	ACC	-326,900	0	0	0	
Design	NHPP	326,900	636,510	0	0	
Design	SM	0	63,490	0	0	
Right of Way	NHPP	0	27,291	0	0	
Right of Way	SM	0	2,709	0	0	
Totals:		0	730,000	0	0	25,060,000

Program: National Highway System	Sponsor:
Primary Work: Bridge Replacement	PEB Score:
2013 Election District: 12 Chugiak/Gateway	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 30511

Title: Old Willow Station Road Crossing Track Removal and
Signal Equipment Relocation

Region: Central

Place Name: Willow

Highway: N/A

Project Description:

ARRC proposes to remove unused siding track infrastructure in and around the roadway at ARRC MP 185.58, repair the pavement, and relocate the at-grade crossing signal equipment to provide protection for the remaining mainline single-track crossing, thus improving highway and rail safety at this location.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	18,000	0	0	0	
Multi-Phase Activity	5307	182,000	0	0	0	
Totals:		200,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: AKRR
Primary Work: Railroad	PEB Score:
2013 Election District: 10 Rural MatSu	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 18755

Title: Point MacKenzie Road Improvement MP 21.8 to 23

Region: Central

Place Name:

Highway:

Project Description:

Improvements to the road leading into Port MacKenzie area.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	110,856	0	0	0	
Construction	STP	1,116,781	0	0	0	
Totals:		1,227,637	0	0	0	0

Program: Alaska Highway System	Sponsor: Matanuska-Susitna Borough
Primary Work: Reconstruction	PEB Score:
2013 Election District: 8 Big Lake/Point Mackenzie	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	



Headquarters and 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) 465-6392 Email: sheila.good@alaska.gov

2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30509

Title: Statewide Cantilever Structure Inspection

Region: Headquarters

Place Name: Central Region

Highway: N/A

Project Description:

This project is a statewide study using non-destructive testing to evaluate cantilevered signal and sign structures for fatigue-related cracking.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	136,050	0	0	0	
Other / Miscellaneous	STP	1,363,950	0	0	0	
Totals:		1,500,000	0	0	0	0

<p>Program: Required programs and Preventive Maintenance</p> <p>Primary Work: Other</p> <p>2013 Election District: 99 Statewide</p> <p>Borough/Census Area: Various Boroughs</p> <p>Municipal Planning Org. (MPO): not identified</p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: N/A</p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	9,030	9,030	9,030	9,030	
Other / Miscellaneous	STP	90,970	90,970	90,970	90,970	
Totals:		100,000	100,000	100,000	100,000	600,000

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Planning & Research	CMAQ	472,750	472,750	472,750	472,750	
Planning & Research	PLNG	6,670,000	6,670,000	6,670,000	6,670,000	
Planning & Research	SM	1,401,500	1,401,500	1,401,500	1,401,500	
Planning & Research	STP	18,000	18,000	18,000	18,000	
Planning & Research	URPL	187,750	187,750	187,750	187,750	
Totals:		8,750,000	8,750,000	8,750,000	8,750,000	52,500,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 6447

Title: Bridge and Tunnel Inventory Inspection Monitoring
Rehabilitation 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 replacement or rehabilitation with federal highway bridge program funding. Project also includes inspection of high tower structures.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	2,774,585	2,774,585	2,774,585	2,774,585	
Design	SM	550,830	550,830	550,830	550,830	
Design	STP	2,774,585	2,774,585	2,774,585	2,774,585	
Right of Way	NHPP	45,485	45,485	45,485	45,485	
Right of Way	SM	9,030	9,030	9,030	9,030	
Right of Way	STP	45,485	45,485	45,485	45,485	
Construction	NHPP	909,700	909,700	909,700	909,700	
Construction	SM	180,600	180,600	180,600	180,600	
Construction	STP	909,700	909,700	909,700	909,700	
Totals:		8,200,000	8,200,000	8,200,000	8,200,000	81,600,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Planning & Research	3PF	183,650	183,650	183,650	183,650	
Planning & Research	URPL	1,850,100	1,850,100	1,850,100	1,850,100	
Totals:		2,033,750	2,033,750	2,033,750	2,033,750	12,202,500

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SA	477,000	477,000	477,000	477,000	
Other / Miscellaneous	SM	53,000	53,000	53,000	53,000	
Totals:		530,000	530,000	530,000	530,000	3,180,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	309,298	309,298	309,298	309,298	
Other / Miscellaneous	SM	61,404	61,404	61,404	61,404	
Other / Miscellaneous	STP	309,298	309,298	309,298	309,298	
Totals:		680,000	680,000	680,000	680,000	4,080,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 that the State of Alaska is required to participate in.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Planning & Research	RES	2,001,340	2,001,340	2,201,474	2,201,474	
Planning & Research	SM	198,660	198,660	218,526	218,526	
Totals:		2,200,000	2,200,000	2,420,000	2,420,000	14,520,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	31,605	31,605	31,605	31,605	
Other / Miscellaneous	STP	318,395	318,395	318,395	318,395	
Totals:		350,000	350,000	350,000	350,000	2,100,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	227,425	227,425	227,425	227,425	
Other / Miscellaneous	SM	45,150	45,150	45,150	45,150	
Other / Miscellaneous	STP	227,425	227,425	227,425	227,425	
Totals:		500,000	500,000	500,000	500,000	1,800,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	90,972	90,972	90,972	90,972	
Other / Miscellaneous	SM	9,028	9,028	9,028	9,028	
Totals:		100,000	100,000	100,000	100,000	600,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 6457

Title: Seismic Bridge Retrofit Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Structural enhancements to bridges that are determined to be insufficient in earthquake zones.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	119,398	119,398	119,398	119,398	
Design	SM	23,704	23,704	23,704	23,704	
Design	STP	119,398	119,398	119,398	119,398	
Right of Way	NHPP	17,057	17,057	17,057	17,057	
Right of Way	SM	3,386	3,386	3,386	3,386	
Right of Way	STP	17,057	17,057	17,057	17,057	
Construction	NHPP	682,275	682,275	682,275	682,275	
Construction	SM	135,450	135,450	135,450	135,450	
Construction	STP	682,275	682,275	682,275	682,275	
Totals:		1,800,000	1,800,000	1,800,000	1,800,000	10,800,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	DBE	170,000	170,000	170,000	170,000	
Other / Miscellaneous	OJT	55,000	55,000	55,000	55,000	
Other / Miscellaneous	STP	175,000	175,000	175,000	175,000	
Totals:		400,000	400,000	400,000	400,000	2,400,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 7219

Title: Bicycle Pedestrian Facilities Rehab and Improvements

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Bicycle and pedestrian facility preventative maintenance, rehabilitation and improvements statewide.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	ACC	-606,562	0	0	0	
Multi-Phase Activity	SM	45,150	0	0	0	
Multi-Phase Activity	STP	1,061,412	0	0	0	
Totals:		500,000	0	0	0	0

Program: Trails and Recreational Access for Alaska	Sponsor:
Primary Work: Transportation Enhancements	PEB Score:
2013 Election District: 99 Statewide	Criteria: TRAAK
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	132,283	132,283	132,283	132,283	
Multi-Phase Activity	RTP	1,332,654	1,332,654	1,332,654	1,332,654	
Totals:		1,464,937	1,464,937	1,464,937	1,464,937	8,789,622

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:	Unclassified
Municipal Planning Org. (MPO):	non-MPO		



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	113,713	113,713	113,713	113,713	
Design	SM	22,574	22,574	22,574	22,574	
Design	STP	113,713	113,713	113,713	113,713	
Construction	NHPP	181,940	181,940	181,940	181,940	
Construction	SM	36,120	36,120	36,120	36,120	
Construction	STP	181,940	181,940	181,940	181,940	
Other / Miscellaneous	NHPP	136,455	136,455	136,455	136,455	
Other / Miscellaneous	SM	27,090	27,090	27,090	27,090	
Other / Miscellaneous	STP	136,455	136,455	136,455	136,455	
Totals:		950,000	950,000	950,000	950,000	5,700,000

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	STP	100,000	100,000	100,000	100,000	
Totals:		100,000	100,000	100,000	100,000	600,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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. The scope includes: revisions as needed to comply with MAP 21 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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	S148	400,000	100,000	100,000	100,000	
	Totals:	400,000	100,000	100,000	100,000	600,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	CMAQ	482,100	482,100	482,100	482,100	
Other / Miscellaneous	CMAQ-M	2,274,250	2,729,100	2,729,100	2,729,100	
Other / Miscellaneous	SM	248,900	318,800	318,800	318,800	
Totals:		3,005,250	3,530,000	3,530,000	3,530,000	21,180,000

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:	Unclassified
Municipal Planning Org. (MPO):	non-MPO		



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	3PF	152,085	137,085	137,085	137,085	
Other / Miscellaneous	5310	244,939	229,939	229,939	229,939	
Other / Miscellaneous	STP	363,400	318,400	318,400	318,400	
Totals:		760,424	685,424	685,424	685,424	4,112,544

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	3PF	5,200,000	3,444,571	3,444,571	3,444,571	
Other / Miscellaneous	5311	13,995,309	8,611,426	8,611,426	8,611,426	
Totals:		19,195,309	12,055,997	12,055,997	12,055,997	0

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	ILLU	35,000,000	35,000,000	35,000,000	35,000,000	
Multi-Phase Activity	RHE	1,100,000	1,100,000	1,100,000	1,100,000	
Multi-Phase Activity	S148	20,700,000	20,700,000	20,700,000	20,700,000	
Multi-Phase Activity	SA	29,109,993	29,109,993	29,109,993	29,109,993	
Multi-Phase Activity	SA40	2,000,000	0	0	0	
Multi-Phase Activity	SM	3,600,000	3,600,000	3,600,000	3,600,000	
Totals:		91,509,993	89,509,993	89,509,993	89,509,993	537,059,958

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 19256

Title: Job Access and Reverse Commute Apportionments

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

FTA Section 5316. Work related transit projects for low-income persons. This is prior year funding. These funds are now incorporated into the FTA Section 5311 program, NID 19120.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	3PF	210,002	0	0	0	
Other / Miscellaneous	5316	210,002	0	0	0	
Totals:		420,004	0	0	0	0

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:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 19257

Title: New Freedom Apportionments

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

FTA Section 5317. New public transportation alternatives beyond those required by the Americans With Disabilities Act. This is prior year funding. These funds are now incorporated into the FTA Section 5310 program, NID 19119.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	3PF	13,457	0	0	0	
Other / Miscellaneous	5317	59,807	0	0	0	
Totals:		73,264	0	0	0	0

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



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	1,550,000	1,400,000	1,400,000	1,400,000	
Multi-Phase Activity	5307RR	3,100,000	2,400,000	2,400,000	2,400,000	
Multi-Phase Activity	5337GR	3,953,000	3,200,000	3,200,000	3,200,000	
Totals:		8,603,000	7,000,000	7,000,000	7,000,000	7,500,000

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 19635

Title: Bridge Rehabilitation and Engineering outside the AMATS and FMATS

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	258,000	80,000	80,000	80,000	
Multi-Phase Activity	5307	232,000	200,000	200,000	200,000	
Multi-Phase Activity	5337GR	800,000	200,000	200,000	200,000	
Totals:		1,290,000	480,000	480,000	480,000	2,880,000

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 19658

Title: Statewide Preventive Maintenance

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Statewide Preventive Maintenance: - 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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	2,003,000	1,642,500	1,642,500	1,642,500	
Multi-Phase Activity	5307RR	3,062,000	700,000	700,000	700,000	
Multi-Phase Activity	5337GR	5,100,000	6,500,000	6,500,000	6,500,000	
Totals:		10,165,000	8,842,500	8,842,500	8,842,500	8,842,500

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:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	0	25,000	25,000	25,000	
Multi-Phase Activity	5307RR	0	50,000	50,000	50,000	
Multi-Phase Activity	5337GR	0	50,000	50,000	50,000	
Totals:		0	125,000	125,000	125,000	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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	3,575,000	3,318,440	3,305,136	3,310,395	
Multi-Phase Activity	5307RR	2,700,000	5,400,000	5,600,000	5,360,000	
Multi-Phase Activity	5337GR	11,600,000	7,833,758	7,620,545	7,881,581	
Totals:		17,875,000	16,552,198	16,525,681	16,551,976	16,551,976

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	AC	1,091,640	0	0	1,091,640	
Other / Miscellaneous	ACC	0	-545,820	-545,820	0	
Other / Miscellaneous	SM	162,540	0	0	162,540	
Other / Miscellaneous	STP	545,820	545,820	545,820	545,820	
Totals:		1,800,000	0	0	1,800,000	1,091,640

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 20854

Title: Passenger Equipment

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Passenger equipment rehabilitation.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	235,000	100,000	100,000	100,000	
Multi-Phase Activity	5307RR	415,000	200,000	200,000	200,000	
Multi-Phase Activity	5337GR	524,000	200,000	200,000	200,000	
Totals:		1,174,000	500,000	500,000	500,000	500,000

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	52,500	50,000	50,000	50,000	
Multi-Phase Activity	5307RR	210,000	200,000	200,000	200,000	
Totals:		262,500	250,000	250,000	250,000	240,000

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:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 21954

Title: Alaska Mobility Coalition Statewide Bus and Bus Facilities Enhancements

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

FTA Section 5309BU, Capital Projects



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	71,114	0	0	0	
Multi-Phase Activity	5309BU	284,454	0	0	0	
Totals:		355,568	0	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 24056

Title: Statewide Bus and Bus Facility Enhancements

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Provide assistance for transit capital related expenses
E2009-BUSP-018



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	142,570	0	0	0	
Multi-Phase Activity	5309BU	570,000	0	0	0	
Totals:		712,570	0	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 24533

Title: Intelligent Transportation Systems (ITS) Border Infrastructure

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Develop and deploy ITS systems within 100 miles of the US/Canada border on the Haines, Klondike, Taylor, Top of the World and Alaska Highways. Technologies may include but are not limited to: dynamic message boards, temperature data probes, weather cameras and sensors, weigh-in-motion and traffic counters. Upgrade communications along the corridor as necessary to support ITS applications. ITS applications will integrate with the new generation 511, road weather information system, and the traffic monitoring system for highways.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-128,884	0	0	0	
Construction	STP	128,884	0	0	0	
Totals:		0	0	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 25276

Title: Alaska Historic Roads Implementation

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Fund the remaining four tasks of the Programmatic Agreement Regarding Alaska's Highway System Roads Affected by the Federal-Aid Highway Program (Alaska Road PA). The Alaska Road PA was signed by the Alaska Division of the Federal Highway Administration (FHWA), Alaska Department of Transportation and Public Facilities (DOT&PF), the Alaska State Historic Preservation Officer (SHPO), and the Advisory Council on Historic Preservation (ACHP). Cultural resource management firms will be engaged to accomplish these tasks.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	13,545	0	0	0	
Other / Miscellaneous	STP	136,455	0	0	0	
Totals:		150,000	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>Sponsor: DOT&PF HQ Environmental</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: _____</p>
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**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Planning & Research	RES	160,000	170,000	180,000	190,000	
Totals:		160,000	170,000	180,000	190,000	1,350,000

Program: Community Transportation Program	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	0	0	45,150	0	
Other / Miscellaneous	STP	0	0	454,850	0	
Totals:		0	0	500,000	0	1,500,000

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): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26269

Title: Transportation Asset Management Program

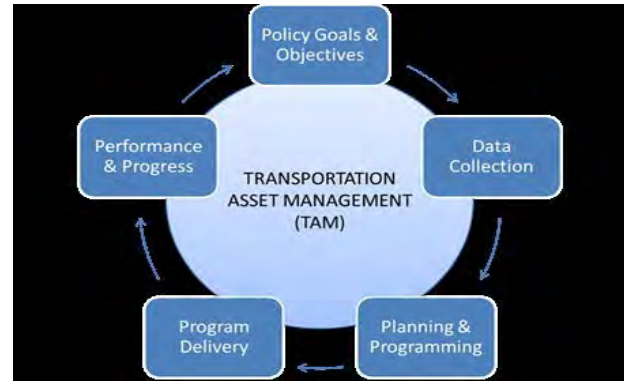
Region: Headquarters

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	ACC	-4,443,885	0	0	0	
Other / Miscellaneous	NHPP	6,263,285	1,819,400	1,819,400	1,819,400	
Other / Miscellaneous	SM	180,600	180,600	180,600	180,600	
Totals:		2,000,000	2,000,000	2,000,000	2,000,000	2,000,000

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	386,623	477,592	477,592	409,365	
Other / Miscellaneous	SM	38,377	47,408	47,408	40,635	
Totals:		425,000	525,000	525,000	450,000	2,550,000

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:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 26470

Title: 3rdGen 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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	409,365	427,559	427,559	427,559	
Other / Miscellaneous	SM	40,635	42,441	42,441	42,441	
Totals:		450,000	470,000	470,000	470,000	2,700,000

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26471

Title: Highway Performance Monitoring System (HPMS)

Reporting

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Develop an Alaska solution to meet all aspects of the FHWA reporting requirements for the National HPMS Database. The project will develop a production solution using the department's Geographic Information System database, new Traffic Server (traffic data system) and other state systems such as Pavement Management System (PMS). This project entails following the FHWA systems engineering analysis that will result in replacing the State's legacy HPMS program suite and manual data processes and ongoing support to keep the system up to date with the FHWA data requirements and data validations.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	181,940	181,940	181,940	181,940	
Other / Miscellaneous	SM	18,060	18,060	18,060	18,060	
Totals:		200,000	200,000	200,000	200,000	1,200,000

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:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 27229

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	FFY16	FFY17	FFY18	FFY19	After2019
Utilities	ACC	-102,796	0	0	0	
Utilities	STP	102,796	0	0	0	
Totals:		0	0	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	27,090	22,575	22,575	22,575	
Other / Miscellaneous	STP	272,910	227,425	227,425	227,425	
Totals:		300,000	250,000	250,000	250,000	1,500,000

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:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	72,240	63,210	63,210	63,210	
Other / Miscellaneous	STP	727,760	636,790	636,790	636,790	
Totals:		800,000	700,000	700,000	700,000	4,200,000

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: _____
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27689

Title: GIS Enabled Highway Crash System

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project supports the new CRASH (Crash Reporting and Analysis for Safer Highways) used to analyze crashes and produce crash reports for Strategic Highway Safety Plan (SHSP), the Alaska Highway Safety Performance Plan and the Highway Safety Improvement Program (HSIP). The project will: complete the install; support maintenance and operations; support roadway data system (RDS) revisions as needed to support crash locations and mapping needs; support IT hardware and software; and will support integration with the Departments transition to a Transportation Asset Management Information System (TAMIS).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	136,455	136,455	136,455	136,455	
Other / Miscellaneous	SM	13,545	13,545	13,545	13,545	
Totals:		150,000	150,000	150,000	150,000	900,000

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27690

Title: Traffic Data Management and Reporting System

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

The first two years of the project will fund the development of a new traffic data management and reporting system. The out years will provide ongoing operations, maintenance and support of the system. Scope of work includes integration into the GIS Highway Data Warehouse, system upgrades (hardware & software) to keep up with Department needs, ongoing operational support and data migration, federal reporting requirements, data visualization and information sharing tools.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	909,700	909,700	90,970	90,970	
Other / Miscellaneous	SM	90,300	90,300	9,030	9,030	
Totals:		1,000,000	1,000,000	100,000	100,000	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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 public transit systems. Projects are determined through a competitive grant application process.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	937,500	312,500	312,500	312,500	
Multi-Phase Activity	5339	3,750,000	1,250,000	1,250,000	1,250,000	
Totals:		4,687,500	1,562,500	1,562,500	1,562,500	1,562,500

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:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 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 DOT&PF is complying with the current systems engineering requirements and corresponding ITS Systems Engineering Checklist.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Planning & Research	RES	25,000	25,000	25,000	25,000	
Totals:		25,000	25,000	25,000	25,000	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 DOT&PF is complying with the current systems engineering requirements and corresponding ITS Systems Engineering Checklist.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	4,515	4,515	2,258	2,258	
Other / Miscellaneous	STP	45,485	45,485	22,742	22,742	
Totals:		50,000	50,000	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:
Municipal Planning Org. (MPO): not identified	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 28310

Title: 3rdGen 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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	363,880	272,910	272,910	272,910	
Other / Miscellaneous	SM	36,120	27,090	27,090	27,090	
Totals:		400,000	300,000	300,000	300,000	1,800,000

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:
Municipal Planning Org. (MPO): not identified	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	2,257	2,257	2,257	2,257	
Other / Miscellaneous	STP	22,743	22,743	22,743	22,743	
Totals:		25,000	25,000	25,000	25,000	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:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	25,284	15,803	15,803	0	
Other / Miscellaneous	STP	254,716	159,197	159,197	0	
Totals:		280,000	175,000	175,000	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29669

Title: Cultural Resources Liaison FFY15/16/17

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) (FFY18/19/20 Need ID:30269)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	12,190	12,642	0	0	
Other / Miscellaneous	STP	122,810	127,358	0	0	
Totals:		135,000	140,000	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: N/A
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	541,800	541,800	541,800	541,800	
Other / Miscellaneous	SM	58,200	58,200	58,200	58,200	
Totals:		600,000	600,000	600,000	600,000	3,600,000

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30269

Title: Cultural Resources Liaison FFY18/19/20

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) (FFY15/16/17 Need ID:29669)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	0	0	13,093	13,545	
Other / Miscellaneous	STP	0	0	131,907	136,455	
Totals:		0	0	145,000	150,000	1,005,000

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	18,060	40,635	19,866	5,418	
Other / Miscellaneous	STP	181,940	409,365	200,134	54,582	
Totals:		200,000	450,000	220,000	60,000	1,395,000

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30689

Title: Statewide Transportation Alternatives Program (TAP)

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

The Moving Ahead for Progress in the 21st Century Act (MAP-21) authorized the Transportation Alternatives Program (TAP) to provide funding for programs and projects defined as transportation alternatives. The TAP replaced the funding from pre-MAP-21 programs including the Transportation Enhancement Activities, Recreational Trails Program, Safe Routes to School Program. Projects will be identified and funded through a competitive grant application process. This Need ID identifies TAP funding distributions for rural, urban and statewide programs.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	TAP	16,000,000	4,000,000	4,000,000	4,000,000	
	Totals:	16,000,000	4,000,000	4,000,000	4,000,000	24,000,000

Program: Transportation Alternatives 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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SM	20,317	20,317	20,317	0	
Other / Miscellaneous	STP	204,683	204,683	204,683	0	
Totals:		225,000	225,000	225,000	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30393

Title: Statewide Geotechnical Asset Management
Implementation

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

Implement geotechnical asset management based upon the formal GAM Plan published in 2015. Improve the asset management process for the agency's targeted geotechnical assets: 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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	45,485	363,880	363,880	363,880	
Other / Miscellaneous	SM	4,515	36,120	36,120	36,120	
Totals:		50,000	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	



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) 451-2385 Email: linda.mahlen@alaska.gov

2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 16177

Title: Barrow-Ahkovak Street Upgrade

Region: Northern

Place Name: Barrow

Highway:

Project Description:

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



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	0	0	0	386,032	
Construction	AC	0	0	0	7,777,935	
Construction	SM	0	0	0	386,033	
Utilities	3PF	0	22,575	0	0	
Utilities	SM	0	22,575	0	0	
Utilities	STP	0	454,850	0	0	
Totals:		0	500,000	0	8,550,000	7,777,935

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:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 3648

Title: Steese Highway MP 128 Crooked Creek Bridge

Replacement

Region: Northern

Place Name: Central

Highway: Steese Highway

Project Description:

Replace Crooked Creek Bridge #0431 at MP 128 of the Steese Highway.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	0	0	45,150	22,575	
Design	STP	0	0	454,850	227,425	
Totals:		0	0	500,000	250,000	3,000,000

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: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 6032

Title: Steese Highway MP 126 Realignment/Safety

Region: Northern

Place Name: Central

Highway: Steese Highway

Project Description:

Realign road / fix curve near MP 126 (south of Central).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	31,605	0	13,545	0	
Design	STP	318,395	0	136,455	0	
Totals:		350,000	0	150,000	0	5,000,000

Program: Alaska 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: Yukon-Koyukuk	Functional Class: Urban Minor Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30429

Title: Tok Cutoff MP 38-50 Rehabilitation

Region: Northern

Place Name: Chistochina

Highway: Tok Cutoff

Project Description:

Rehabilitate the Tok Cutoff between MP 38-50. Improvements will include drainage, embankment stabilization and rebuilding the pavement structure. Bridge rail upgrades and deck repairs to Indian River Bridge #0651 @ MP 43.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	653,800	280,200	0	0	
Design	SM	46,200	19,800	0	0	
Construction	AC	0	0	11,675,000	0	
Construction	ACC	0	0	0	-11,675,000	
Construction	NHPP	0	0	11,675,000	11,675,000	
Construction	SM	0	0	1,650,000	0	
Utilities	NHPP	0	9,340	0	0	
Utilities	SM	0	660	0	0	
Totals:		700,000	310,000	25,000,000	0	0

<p>Program: National Highway System</p> <p>Primary Work: Reconstruction</p> <p>2013 Election District: 99 Statewide</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: INTERSTATE</p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 6617

Title: Shepard Point Road

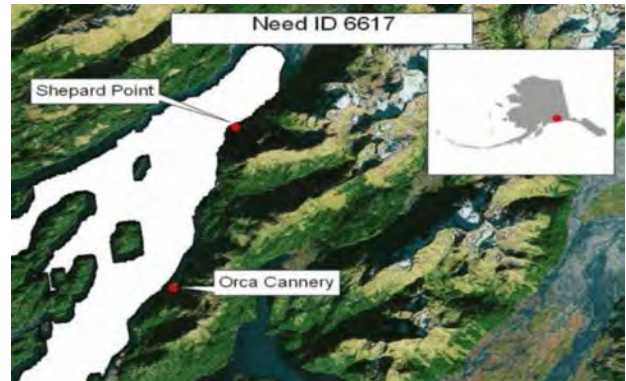
Region: Northern

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	0	451,500	0	0	
Construction	STP	0	4,548,500	0	0	
Totals:		0	5,000,000	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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	24,833	22,575	0	0	
Design	SM	24,832	22,575	0	0	
Design	STP	500,335	454,850	0	0	
Right of Way	3PF	0	27,090	0	0	
Right of Way	SM	0	27,090	0	0	
Right of Way	STP	0	545,820	0	0	
Construction	3PF	0	0	334,110	0	
Construction	SM	0	0	334,110	0	
Construction	STP	0	0	6,731,780	0	
Utilities	3PF	0	4,515	0	0	
Utilities	SM	0	4,515	0	0	
Utilities	STP	0	90,970	0	0	
Totals:		550,000	1,200,000	7,400,000	0	0

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29449

Title: Dalton Highway MP 362-379 Reconstruction

Region: Northern

Place Name: Deadhorse

Highway: Dalton Highway

Project Description:

Reconstruction including widening, spot repair, and resurfacing of 17 miles of the Dalton Highway near Deadhorse (This is associated with NID 22481, 29450, 29451)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	34,113,750	0	0	0	
Construction	SM	3,386,250	0	0	0	
Totals:		37,500,000	0	0	0	0

Program: National Highway System	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 40 Arctic	Criteria:
Borough/Census Area: North Slope Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30284

Title: Richardson Highway MP 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) between MP 266-305 on the Richardson Highway to improve safety. (This is the overall design for the entire termini. Construction will happen in three stages. MP 266-305 under NID 30284, MP 337 Eielson under NID 30449 and MP 305-341 under the original NID 29811.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	25,000,000

<p>Program: National Highway System</p> <p>Primary Work: Safety</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>Sponsor:</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: INTERSTATE</p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30510

Title: Denali Park Area Rail Realignment

Region: Northern

Place Name: Denali National Park

Highway: Parks Highway

Project Description:

The ARRC proposes to accomplish a feasibility study, conceptual level estimates, and preliminary engineering to realign its mainline track and eliminate one at-grade highway-rail crossing and one railroad overpass crossing on the George Parks Highway, south of the Denali National Park main entrance. DOT&PF has no involvement with this project. The work referenced will be accomplished by the ARRC.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	36,000	0	0	0	
Multi-Phase Activity	5307	364,000	0	0	0	
Totals:		400,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: AKRR
Primary Work: Railroad	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): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30449

Title: Richardson Highway MP 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 at MP 337 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 of NID 29811 and MP 266-305 under NID 30284.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	0	1,868,000	0	0	
Construction	SM	0	132,000	0	0	
Totals:		0	2,000,000	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Safety	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	21,040	0	0	0	
Design	FLAP	211,960	0	0	0	
Construction	3PF	113,281	0	0	0	
Construction	FLAP	1,141,220	0	0	0	
Totals:		1,487,501	0	0	0	0

Program: Federal Lands Access Program	Sponsor: _____
Primary Work: Transportation Enhancements	PEB Score: _____
2013 Election District: _____	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2130

Title: Richardson Highway MP 353 to 357 Access/Safety Improvements

Region: Northern

Place Name: Fairbanks

Highway: Richardson Highway

Project Description:

Improve access control on the Richardson Highway between approximate mileposts 353-357. 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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	0	21,482,000	0	
Construction	ACC	0	0	0	-10,741,000	
Construction	NHPP	0	0	0	10,741,000	
Construction	SM	0	0	1,518,000	0	
Totals:		0	0	23,000,000	0	10,741,000

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 3821

Title: University Avenue Widening

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Widen and reconstruct University Avenue to current standards.
(NID's associated with this parent design project: NID 29655 & 29656)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Utilities	NHPP	3,638,800	0	0	0	
Utilities	SM	361,200	0	0	0	
Totals:		4,000,000	0	0	0	0

Program: National Highway System	Sponsor: FMATS
Primary Work: System Preservation	PEB Score: 106.5
2013 Election District: 5 Chena Ridge/Airport	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class:
Municipal Planning Org. (MPO): FMATS	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	626,237	0	0	
Design	SM	0	62,163	0	0	
Right of Way	NHPP	0	0	1,137,125	0	
Right of Way	SM	0	0	112,875	0	
Utilities	NHPP	0	682,275	0	0	
Utilities	SM	0	67,725	0	0	
Totals:		0	1,438,400	1,250,000	0	7,348,000

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:
Municipal Planning Org. (MPO): FMATS	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 7461

Title: Old Nenana/Ester Hill Rehabilitation

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Rehabilitate and repave up to 11 miles of road. Work to include ditch cleaning, culvert replacement, signing, and possible shoulder widening.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Utilities	SM	9,030	0	0	0	
Utilities	STP	90,970	0	0	0	
Totals:		100,000	0	0	0	13,000,000

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score: 117.2
2013 Election District: 4 Western Fairbanks	Criteria: Urban and Rural
Borough/Census Area: Fairbanks North Star Borough	Functional Class: Rural Minor Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ILLU	0	7,550,510	0	0	
Construction	SM	0	749,490	0	0	
Totals:		0	8,300,000	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Traffic Management Operations	PEB Score:
2013 Election District: 5 Chena Ridge/Airport	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: Unclassified
Municipal Planning Org. (MPO): FMATS	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 17662

Title: FMATS CTP Program Allocation

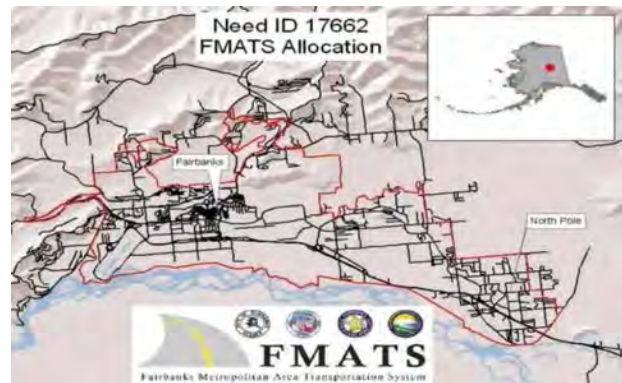
Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

FMATS CTP Program Allocation. See FMATS TIP for projects.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	364,517	364,517	364,517	364,517	
Multi-Phase Activity	ACC	-3,832,986	0	0	0	
Multi-Phase Activity	SM	364,517	364,517	364,517	364,517	
Multi-Phase Activity	STP	11,177,430	7,344,444	7,344,444	7,344,444	
Totals:		8,073,478	8,073,478	8,073,478	8,073,478	48,440,838

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: Unclassified
Municipal Planning Org. (MPO): FMATS	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 17663

Title: FMATS CMAQ Allocation

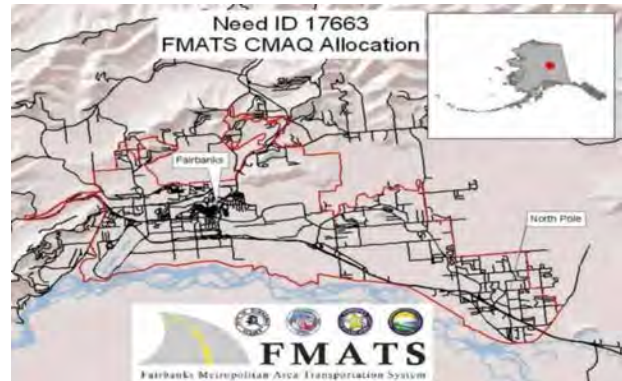
Region: Northern

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	CMAQ-M	727,760	727,760	727,760	727,760	
Multi-Phase Activity	SM	72,240	72,240	72,240	72,240	
Totals:		800,000	800,000	800,000	800,000	800,000

Program: Required programs and Preventive Maintenance	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: Unclassified
Municipal Planning Org. (MPO): FMATS	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	0	11,703,291	0	
Construction	ACC	0	0	0	-11,703,291	
Construction	NHPP	0	0	0	11,703,291	
Construction	SM	0	0	1,161,709	0	
Totals:		0	0	12,865,000	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Traffic Management Operations	PEB Score:
2013 Election District: 2 Fairbanks/Wainwright	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class:
Municipal Planning Org. (MPO): FMATS	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	0	42,892	0	0	
Design	ACC	-545,820	0	0	0	
Design	STP	545,820	432,108	0	0	
Right of Way	3PF	0	0	45,150	0	
Right of Way	STP	0	0	454,850	0	
Construction	3PF	0	0	0	546,857	
Construction	AC	0	0	0	5,509,143	
Utilities	3PF	0	0	9,030	0	
Utilities	STP	0	0	90,970	0	
Totals:		0	475,000	600,000	6,056,000	5,509,143

Program: Community Transportation Program

Primary Work: Reconstruction

2013 Election District: 5 Chena Ridge/Airport

Borough/Census Area: Fairbanks North Star Borough

Municipal Planning Org. (MPO): non-MPO

Sponsor:

PEB Score: 293

Criteria: Urban and Rural

Functional Class:



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	45,150	22,575	0	0	
Design	STP	454,850	227,425	0	0	
Right of Way	SM	0	0	22,575	0	
Right of Way	STP	0	0	227,425	0	
Utilities	SM	0	0	67,725	0	
Utilities	STP	0	0	682,275	0	
Totals:		500,000	250,000	1,000,000	0	7,500,000

Program: <u>Community Transportation Program</u>	Sponsor: _____
Primary Work: <u>Bridge Rehabilitation</u>	PEB Score: _____
2013 Election District: <u>1 Downtown Fairbanks</u>	Criteria: _____
Borough/Census Area: <u>Fairbanks North Star Borough</u>	Functional Class: <u>Urban Collector</u>
Municipal Planning Org. (MPO): <u>FMATS</u>	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	0	21,853	0	0	
Design	ACC	-230,693	0	0	0	
Design	STP	230,693	220,147	0	0	
Construction	3PF	0	0	272,706	0	
Construction	AC	0	0	2,747,294	0	
Totals:		0	242,000	3,020,000	0	2,747,294

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 356
2013 Election District: 4 Western Fairbanks	Criteria: Urban and Rural
Borough/Census Area: Fairbanks North Star Borough	Functional Class: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26161

Title: Fairbanks Air Quality Planning Project

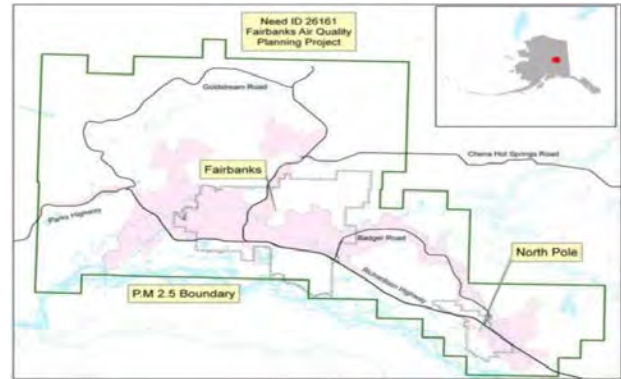
Region: Northern

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	CMAQ	72,776	72,776	72,776	72,776	
Other / Miscellaneous	SM	7,224	7,224	7,224	7,224	
Totals:		80,000	80,000	80,000	80,000	80,000

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27532

Title: Sheep Creek Road Upgrades

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Upgrade Sheep Creek Road from Miller Hill Road to Murphy Dome Road.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	ILLU	0	1,000,670	0	0	
Design	SM	0	99,330	0	0	
Totals:		0	1,100,000	0	0	12,000,000

Program: Community Transportation Program	Sponsor: -
Primary Work: System Preservation	PEB Score: -
2013 Election District: 4 Western Fairbanks	Criteria: -
Borough/Census Area: Fairbanks North Star Borough	Functional Class: -
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28069

Title: Richardson Highway MP 359 Railroad Grade Separated Facility

Region: Northern

Place Name: Fairbanks

Highway: Richardson Highway

Project Description:

Construct grade-separated facility on the Richardson Highway near MP 359 to reduce railroad/vehicle conflicts; improve connectivity with the Old Richardson Highway; and provide Fort Wainwright south gate access.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	36,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Railroad	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	CMAQ-M	1,728,430	1,728,430	1,728,430	1,728,430	
Multi-Phase Activity	SM	171,570	171,570	171,570	171,570	
Totals:		1,900,000	1,900,000	1,900,000	1,900,000	11,400,000

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29651

Title: Chena Hot Springs Road MP 20 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 at MP 20.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	26,187	0	0	0	
Design	STP	263,813	0	0	0	
Construction	ILLU	0	4,548,500	0	0	
Construction	SM	0	451,500	0	0	
Totals:		290,000	5,000,000	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 is associated with the parent design project, NID 3821.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	0	14,010,754	0	
Construction	ACC	0	0	0	-14,010,754	
Construction	BOND	0	0	18,798,490	0	
Construction	NHPP	0	0	0	14,010,754	
Construction	SM	0	0	1,390,756	0	
Totals:		0	0	34,200,000	0	0

Program: National Highway System	Sponsor:
Primary Work: System Preservation	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 is associated with the parent design project, NID 3821.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	15,000,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	1,886,718	0	
Design	SM	0	0	187,282	0	
Right of Way	NHPP	0	0	0	2,729,100	
Right of Way	SM	0	0	0	270,900	
Utilities	NHPP	0	0	0	909,700	
Utilities	SM	0	0	0	90,300	
Totals:		0	0	2,074,000	4,000,000	30,000,000

Program: National Highway System	Sponsor:
Primary Work: Traffic Management Operations	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	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	1,046,155	0	
Design	SM	0	0	103,845	0	
Totals:		0	0	1,150,000	0	8,000,000

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 at MP 358 of the Richardson Highway (at the existing weigh station) and on the Parks Highway near Ester.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	140,100	0	0	0	
Design	SM	9,900	0	0	0	
Construction	AC	0	0	2,428,400	0	
Construction	ACC	0	0	0	-2,428,400	
Construction	NHPP	0	0	0	2,428,400	
Construction	SM	0	0	171,600	0	
Totals:		150,000	0	2,600,000	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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30150

Title: Steese Highway MP 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	FFY16	FFY17	FFY18	FFY19	After2019
Design	ACC	-129,360	0	0	0	
Design	NHPP	215,781	0	0	0	
Design	SM	8,579	0	0	0	
Construction	NHPP	0	0	591,305	0	
Construction	SM	0	0	58,695	0	
Totals:		95,000	0	650,000	0	0

<p>Program: <u>National Highway System</u></p> <p>Primary Work: <u>New Construction</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: _____</p> <p>Criteria: _____</p> <p>Functional Class: <u>PRINCIPAL ARTERIAL - OTHER</u></p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27389

Title: Tok Cutoff MP 17 Tulsona Creek Bridge Replacement

Region: Northern

Place Name: Gakona

Highway: Tok Cutoff

Project Description:

Replace the Tulsona Creek Bridge #1250 at MP 17 on the Tok Cutoff Highway.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-4,285,211	0	0	0	
Construction	NHPP	4,285,211	0	0	0	
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor:
Primary Work: Bridge Replacement	PEB Score:
2013 Election District:	Criteria:
Borough/Census Area: Valdez-Cordova	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 29812

Title: Richardson Highway MP 115-148 Rehabilitation & Widening

Region: Northern

Place Name: Gakona

Highway: Richardson Highway

Project Description:

Rehabilitate the Richardson Highway between MP 115 and MP 148, including rehabilitation of Gulkana River Bridge #0574.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	1,868,000	0	0	
Design	SM	0	132,000	0	0	
Totals:		0	2,000,000	0	0	55,500,000

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28109

Title: Kivalina Evacuation and School Site Access Road

Region: Northern

Place Name: Kivalina

Highway: N/A

Project Description:

Construct an access road to the new Kivalina school site near Kisimigiuktuk Hill.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	297,791	0	0	0	
Design	EMFX	3,000,000	0	0	0	
Totals:		3,297,791	0	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: LOCAL
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	0	0	13,612,000	0	
Construction	HPRM	0	0	1,655,039	0	
Construction	ILLU	0	0	28,732,961	0	
Utilities	3PF	22,575	0	0	0	
Utilities	HPRM	227,425	0	0	0	
Totals:		250,000	0	44,000,000	0	0

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 3885

Title: Elliott Highway MP 73 to 107 Rehabilitation

Region: Northern

Place Name: Livengood

Highway: Elliott Highway

Project Description:

Rehabilitate the Elliott Highway between MP 73 and MP 107.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	0	0	0	135,450	
Design	STP	0	0	0	1,364,550	
Totals:		0	0	0	1,500,000	40,950,000

Program: Alaska 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: Yukon-Koyukuk	Functional Class: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 22335

Title: Parks Highway MP 305-325 Reconstruction

Region: Northern

Place Name: Nenana

Highway: Parks Highway

Project Description:

Reconstruct the Parks Highway from MP 305 (Tanana River Bridge No. 202) to MP 325 (FNSB Boundary), including drainage improvements, passing lanes, and replacement of Little Goldstream Creek Bridge No. 678.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	934,000	0	
Design	SM	0	0	66,000	0	
Totals:		0	0	1,000,000	0	56,500,000

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: Yukon-Koyukuk	Functional Class: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	SM	257,987	0	0	0	
Construction	STP	2,599,013	0	0	0	
Totals:		2,857,000	0	0	0	0

Program:	Community Transportation Program	Sponsor:	Goldstream Community Association
Primary Work:	Bridge Replacement	PEB Score:	
2013 Election District:	6 Eielson/Denali/Upper Yukon/Border Region	Criteria:	
Borough/Census Area:	Yukon-Koyukuk	Functional Class:	
Municipal Planning Org. (MPO):	non-MPO		



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	0	9,030	0	0	
Design	SM	0	9,030	0	0	
Design	STP	0	181,940	0	0	
Right of Way	3PF	0	6,772	0	0	
Right of Way	SM	0	6,773	0	0	
Right of Way	STP	0	136,455	0	0	
Utilities	3PF	0	4,515	0	0	
Utilities	SM	0	4,515	0	0	
Utilities	STP	0	90,970	0	0	
Totals:		0	450,000	0	0	5,776,595

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	0	18,060	0	0	
Design	STP	0	181,940	0	0	
Right of Way	SM	0	27,090	0	0	
Right of Way	STP	0	272,910	0	0	
Utilities	AC	0	2,729,100	0	0	
Utilities	SM	0	270,900	0	0	
Totals:		0	3,500,000	0	0	9,500,000

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: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	0	24,923	0	0	
Design	STP	0	251,077	0	0	
Right of Way	SM	0	5,418	0	0	
Right of Way	STP	0	54,582	0	0	
Construction	SM	0	0	328,692	0	
Construction	STP	0	0	3,311,308	0	
Utilities	SM	0	23,930	0	0	
Utilities	STP	0	241,070	0	0	
Totals:		0	601,000	3,640,000	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:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	0	0	67,725	22,575	
Design	STP	0	0	682,275	227,425	
Totals:		0	0	750,000	250,000	12,350,000

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 335
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: Urban and Rural
Borough/Census Area: Nome	Functional Class:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27309

Title: Nome Sea Storm Permanent Repairs (Nov. 2011)

Region: Northern

Place Name: Nome

Highway: N/A

Project Description:

Repair road surface, reconstruct damaged turnout and beach access ramps, and replace riprap protection at ER damage sites on Council Road from MP 0.4 to MP 34 and on Front Street from MP 0.1 to 0.6, located in Nome.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ER	4,548,500	0	0	0	
Construction	SM	451,500	0	0	0	
Totals:		5,000,000	0	0	0	0

Program:	Alaska Highway System	Sponsor:	-
Primary Work:	System Preservation	PEB Score:	-
2013 Election District:	39 Bering Straits/Yukon Delta	Criteria:	-
Borough/Census Area:	Nome	Functional Class:	-
Municipal Planning Org. (MPO):	non-MPO		



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2118

Title: Richardson Highway MP 159 to 167 Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Widen and reconstruct to current standards.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ILLU	0	34,113,750	0	0	
Construction	SM	0	3,386,250	0	0	
Totals:		0	37,500,000	0	0	0

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: Rural Minor Arterial
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2119

Title: Richardson Highway MP 167 to173 Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Widen and reconstruct to current standards.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	NHPP	454,850	0	0	0	
Right of Way	SM	45,150	0	0	0	
Construction	AC	0	0	0	27,291,000	
Construction	SM	0	0	0	2,709,000	
Utilities	ACC	-442,253	0	0	0	
Utilities	NHPP	442,253	0	0	0	
Totals:		500,000	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: Rural Minor Arterial
Municipal Planning Org. (MPO): not identified	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SA	324,000	324,000	324,000	324,000	
Other / Miscellaneous	SM	36,000	36,000	36,000	36,000	
Totals:		360,000	360,000	360,000	360,000	2,160,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 16556

Title: Winter Trail Marking

Region: Northern

Place Name: Northern Region

Highway:

Project Description:

Mark overland winter trails in Northern Region with semi-permanent trail markers. Trail markers will ensure winter travelers can safely journey between communities in the area.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	4,515	4,515	9,030	9,030	
Design	STP	45,485	45,485	90,970	90,970	
Construction	SM	18,060	18,060	45,150	45,150	
Construction	STP	181,940	181,940	454,850	454,850	
Totals:		250,000	250,000	600,000	600,000	3,600,000

Program: Trails and Recreational Access for Alaska	Sponsor: DOT&PF
Primary Work: Safety	PEB Score: 999
2013 Election District: 60 Fairbanks Areawide	Criteria: TRAAK
Borough/Census Area: Various Boroughs	Functional Class: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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. The scope does not include landscaping or other elements inconsistent with a pavement preservation focus.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	ACC	-8,361,549	0	0	0	
Multi-Phase Activity	NHPP	27,291,000	27,291,000	3,941,000	27,291,000	
Multi-Phase Activity	SM	5,418,000	5,418,000	3,768,000	5,418,000	
Multi-Phase Activity	STP	23,946,213	19,907,864	27,291,000	27,291,000	
Totals:		48,293,664	52,616,864	35,000,000	60,000,000	360,000,000

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:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 22295

Title: Elliott Highway MP 37 Globe Creek Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Elliott Highway

Project Description:

Replace the Globe Creek Bridge #1394 at MP 37 of the Elliott Highway. This bridge is currently a glued laminated timber bridge, constructed in 1978.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	4,750,000

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: Yukon-Koyukuk	Functional Class: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22298

Title: Alaska Highway MP 1309 Tok River Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Alaska Highway

Project Description:

Replace the Tok River Bridge #0506 at MP 1309 on the Alaska Highway. The new bridge will have additional width and eliminate vertical clearance restrictions.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	350,250	0	0	0	
Design	SM	24,750	0	0	0	
Construction	AC	0	0	11,114,600	0	
Construction	ACC	0	0	0	-11,114,600	
Construction	NHPP	0	0	0	11,114,600	
Construction	SM	0	0	785,400	0	
Totals:		375,000	0	11,900,000	0	0

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: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22299

Title: Alaska Highway MP 1235 -1267 Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Alaska Highway

Project Description:

Rehabilitate the Alaska Highway between MP 1235 and 1267. 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. MP 1235-1251 under NID 30280 and MP 1251-1267 under the original NID 22299.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	0	1,158,160	
Design	SM	0	0	0	81,940	
Totals:		0	0	0	1,240,100	25,000,000

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: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22315

Title: Alaska Highway Passing Lanes (Yukon 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. (This is the overall design for the entire termini. Construction will happen in two stages. MP 1221-1310 under NID 30283 and MP 1310-1422 under the original NID 22315.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	25,475,000

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: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22331

Title: Parks Highway MP 163-183 Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Rehabilitate the Parks Hwy between MP 163 and 183 improve drainage, and construct passing lanes. Also includes a grade separated crossing at MP 169 (Hurricane). This is the overall design project for the entire termini. Construction will happen in three stages. MP 163-174 excluding the grade separated crossing at MP 169 will take place under NID 30278, MP 174-183 under NID 30279 and the final segment for the grade separated railroad crossing at MP 169 under this NID.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Utilities	NHPP	546,950	0	0	0	
Utilities	SM	38,650	0	0	0	
Totals:		585,600	0	0	0	17,300,000

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: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 22333

Title: Parks Highway MP 239-263 Reconstruction (Nenana Canyon to Bear Creek)

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Reconstruct the Parks Hwy between MP 239 and 263 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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	9,097,000	0	0	0	
Construction	SM	903,000	0	0	0	
Totals:		10,000,000	0	0	0	0

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: Denali Borough	Functional Class: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22446

Title: Dalton Highway MP 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. MP 18-25 under NID 30285 and MP 25-37 under this original NID 22446.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	1,819,400	0	
Design	SM	0	0	180,600	0	
Totals:		0	0	2,000,000	0	24,000,000

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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22452

Title: Dalton Highway MP 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 at MP 142. (This is the overall design for the entire termini. Construction will happen in 3 stages: MP 109-120 under NID 30276, MP 120-135 under NID 30270 and the final segment of construction MP 135-144 (including bridge #1560) under this parent design NID 22452.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	0	1,430,958	
Design	SM	0	0	0	142,042	
Right of Way	NHPP	0	0	0	318,395	
Right of Way	SM	0	0	0	31,605	
Utilities	NHPP	0	0	0	90,970	
Utilities	SM	0	0	0	9,030	
Totals:		0	0	0	2,023,000	25,000,000

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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22453

Title: Dalton Highway MP 0-9 Reconstruction (Livengood to 9 Mile Hill)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruct the Dalton Hwy between MP 0 and 9 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	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	NHPP	0	454,850	0	0	
Right of Way	SM	0	45,150	0	0	
Utilities	NHPP	0	136,455	0	0	
Utilities	SM	0	13,545	0	0	
Totals:		0	650,000	0	0	40,000,000

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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22475

Title: Dalton Highway MP 305-335 Reconstruction (Sag Camp to Happy Valley)

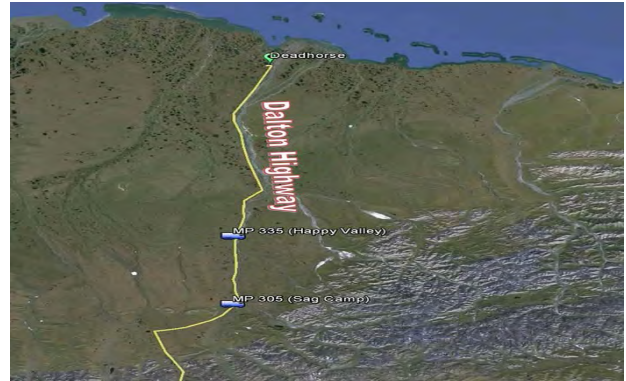
Region: Northern

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. MP 305-315 under NID 30281, MP 315-325 under NID 30282 and MP 325-335 under the original NID 22475.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	0	909,700	
Design	SM	0	0	0	90,300	
Totals:		0	0	0	1,000,000	28,500,000

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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22476

Title: Dalton Highway MP 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 at MP 221 and Nutirwik Creek bridge #1515 at MP 228. [This is the parent design for the overall termini. Segment one construction is MP 209-222 under NID 30277. Segment two is MP 222-235 under MP 30286. The final segment will pave the entire length under the parent design, NID 22476.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	0	0	20,923,100	
Construction	SM	0	0	0	2,076,900	
Totals:		0	0	0	23,000,000	23,000,000

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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22480

Title: Dalton Highway 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 between MP 289 - 305, including minor realignments and grade raises. Construct turnouts and snowdrift mitigation features.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	682,275	682,275	0	0	
Design	SM	67,725	67,725	0	0	
Construction	ILLU	0	30,020,100	0	0	
Construction	SM	0	2,979,900	0	0	
Totals:		750,000	33,750,000	0	0	0

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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22481

Title: Dalton Highway MP 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 from approximately MP 362 to MP 414. This corridor will be reconstructed in three segments (NID 29449, 29450 & 29451). The last stage of work will be to pave the entire project corridor under this NID. This is the parent design project.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	21,000,000

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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 24518

Title: Elliott Highway MP 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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	0	0	27,896,861	
Construction	SM	0	0	0	2,769,139	
Utilities	NHPP	0	454,850	0	0	
Utilities	SM	0	45,150	0	0	
Totals:		0	500,000	0	30,666,000	27,896,861

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 24574

Title: Richardson Highway MP 235 Ruby Creek Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Replace the Ruby Creek Bridge #0594 at MP 235. New bridge grade and minor road realignment will address current flooding and sediment deposition problems.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	0	9,097,000	0	0	
Construction	SM	0	903,000	0	0	
Totals:		0	10,000,000	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Bridge Replacement	PEB Score:
2013 Election District: 9 Richardson Highway/East MatSu	Criteria:
Borough/Census Area: Southeast Fairbanks	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 25598

Title: Richardson Highway MP 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 between MP 357 - 362, 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	FFY16	FFY17	FFY18	FFY19	After2019
Design	ACC	-247,510	0	0	0	
Design	STP	247,510	0	0	0	
Construction	AC	0	2,647,890	0	0	
Construction	ACC	0	0	-2,647,890	0	
Construction	SM	0	187,110	0	0	
Construction	STP	0	0	2,647,890	0	
Utilities	AC	93,400	0	0	0	
Utilities	ACC	0	0	-93,400	0	
Utilities	SM	6,600	0	0	0	
Utilities	STP	0	0	93,400	0	
Totals:		100,000	2,835,000	0	0	0

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26157

Title: Parks Highway MP 231 Enhancements

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Construct dedicated pedestrian facilities at MP 231 (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	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	1,447,700	0	0	0	
Design	SM	102,300	0	0	0	
Utilities	NHPP	186,800	0	0	0	
Utilities	SM	13,200	0	0	0	
Totals:		1,750,000	0	0	0	27,000,000

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: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27010

Title: Northern Region Signal Interconnect

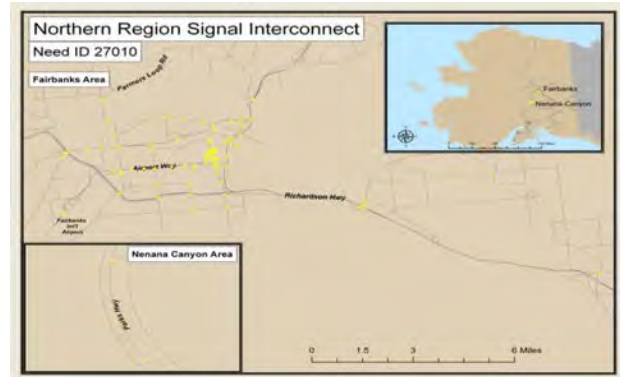
Region: Northern

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	CMAQ-M	545,820	0	0	0	
Design	SM	54,180	0	0	0	
Construction	CMAQ-M	2,729,100	2,729,100	2,729,100	2,729,100	
Construction	SM	270,900	270,900	270,900	270,900	
Totals:		3,600,000	3,000,000	3,000,000	3,000,000	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:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 27524

Title: Denali Highway MP 22 Rock Creek Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Denali Highway

Project Description:

Replace Rock Creek Bridge #0684 at MP 24 on the Denali Highway.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	40,635	13,545	0	0	
Design	STP	409,365	136,455	0	0	
Totals:		450,000	150,000	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: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27525

Title: McCarthy Road MP 27 Chokosna River Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Edgerton Highway

Project Description:

Replace the Chokosna River Bridge #1193 at MP 27 of McCarthy Road, (aka Edgerton Hwy/McCarthy Road). Work may include minor realignment to facilitate construction of the new bridge.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	31,605	22,575	0	0	
Design	STP	318,395	227,425	0	0	
Totals:		350,000	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: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 28389

Title: Dalton Highway MP 265 Roche Moutonnee Creek Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Replace Roche Moutonnee Creek Bridge #1519, MP 265 Dalton Highway.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	4,093,650	0	0	0	
Construction	SM	406,350	0	0	0	
Totals:		4,500,000	0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 40 Arctic	Criteria: _____
Borough/Census Area: Yukon-Koyukuk	Functional Class: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28429

Title: Parks Highway MP 183-192 Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Reconstruct the Parks Highway between MP 183-192 and replace the East Fork Chulitna River Bridge #0260.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	856,478	0	
Design	SM	0	0	60,522	0	
Totals:		0	0	917,000	0	48,741,009

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: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28476

Title: Taylor Highway New Wayside Project

Region: Northern

Place Name: Northern Region

Highway: Taylor Highway

Project Description:

Design and construct two new waysides on the Taylor Highway; the Jack Wade Recreational Gold Panning Wayside between MP 82.5 and MP 85.5 and the Mosquito Fork Dredge Trailhead at MP 68.1.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	FLAP	618,596	0	0	0	
Construction	SM	61,404	0	0	0	
Totals:		680,000	0	0	0	0

Program: Federal Lands Access Program	Sponsor: Bureau of Land Management
Primary Work: Transportation Enhancements	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Southeast Fairbanks	Functional Class: Rural Minor Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28478

Title: US Creek Road Resurfacing

Region: Northern

Place Name: Northern Region

Highway: N/A

Project Description:

Resurface US Creek Road from the Steese Highway to approximately MP 6.7.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	FLAP	45,485	0	0	0	
Design	SM	4,515	0	0	0	
Construction	FLAP	0	1,728,430	0	0	
Construction	SM	0	171,570	0	0	
Totals:		50,000	1,900,000	0	0	0

Program: Federal Lands Access Program	Sponsor: Bureau of Land Management
Primary Work: System Preservation	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: Rural Local Road
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28809

Title: Highway Data Equipment Acquisition and Installation (IWAYS)

Region: Northern

Place Name: Northern Region

Highway: N/A

Project Description:

Design, construct or rehabilitate traffic data collection sites and develop software for the State's federally required Traffic Monitoring system for Highways (TMS/H). this project includes purchase of items such as: traffic data counters; cameras; computers; software for in office data retrieval; program evaluations; and , IT needs for data collection, communications, and software.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	106,009	0	0	11,372	
Design	SM	14,982	0	0	2,257	
Design	STP	106,009	0	0	11,371	
Construction	AC	0	614,048	0	0	
Construction	ACC	0	0	-614,048	0	
Construction	NHPP	0	1,120,750	614,048	113,713	
Construction	SM	0	344,405	0	22,575	
Construction	STP	0	1,734,797	0	113,712	
Other / Miscellaneous	NHPP	45,485	45,485	45,485	45,485	
Other / Miscellaneous	SM	9,030	9,030	9,030	9,030	
Other / Miscellaneous	STP	45,485	45,485	45,485	45,485	
Totals:		327,000	3,914,000	100,000	375,000	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28850

Title: Parks Highway Bridge Deck Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Rehabilitate the bridge deck of four bridges on the Parks Highway. Nenana River at Rex (#216), Tanana River (#202) and North Slough Tanana River (#201).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-6,991,612	0	0	0	
Construction	NHPP	6,991,612	0	0	0	
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor: -
Primary Work: Safety	PEB Score: -
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: -
Borough/Census Area: Various Boroughs	Functional Class: -
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29430

Title: Taylor Highway MP 64-67 Rehabilitation (Mosquito Fork to Chicken Creek)

Region: Northern

Place Name: Northern Region

Highway: Taylor Highway

Project Description:

Rehabilitate, restore, and resurface approximately 4 miles of the Taylor Highway and replace Chicken Creek Bridge #1140.

Parent design project: Need ID 6173.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	11,371,250	0	0	0	
Construction	ACC	0	0	-11,371,250	0	
Construction	SM	1,128,750	0	0	0	
Construction	STP	0	0	11,371,250	0	
Totals:		12,500,000	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: Southeast Fairbanks	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29973

Title: Richardson Highway MP 65-80 Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Restore the structural integrity of the Richardson Highway between MP 65-80, including upgrades and improvements to drainage and safety. Also replace bridge rails on bridge #569-Tonsina River and #570-Squirrel Creek.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	727,760	0	0	591,305	
Design	SM	72,240	0	0	58,695	
Totals:		800,000	0	0	650,000	20,500,000

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30270

Title: Dalton Highway MP 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. (Also associated with NID 22452 [parent design project and construction for MP 135-144] and NID 30276 for MP 109-120.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	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>Sponsor:</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30276

Title: Dalton Highway MP 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. (Also associated with NID 22452 and NID 30270)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30277

Title: Dalton Highway MP 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 at MP 221. This is the first segment of construction for the overall termini of MP 209-235. Segment two is MP 222-235 under NID 30286. The final segment will pave the entire length under the parent design, NID 22476.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	0	20,923,100	0	0	
Construction	SM	0	2,076,900	0	0	
Totals:		0	23,000,000	0	0	0

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30278

Title: Parks Highway MP 163-168.5 and 169.5-174 Rehabilitation (excluding R/R crossing at MP 169)

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Rehabilitate the Parks Highway between MP 163-168.5 and 169.5-174, improve drainage and construct passing lanes. (The grade separated crossing @ MP 169 will take place under Need ID 22331. (The parent design project is NID 22331, and also associated with NID 30279.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	19,614,000	0	0	0	
Construction	ACC	0	-9,807,000	-9,807,000	0	
Construction	NHPP	0	9,807,000	9,807,000	0	
Construction	SM	1,386,000	0	0	0	
Totals:		21,000,000	0	0	0	0

<p>Program: National Highway System</p> <p>Primary Work: System Preservation</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>Sponsor:</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: INTERSTATE</p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30279

Title: Parks Highway MP 174-183 Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Rehabilitate the Parks Highway between MP 174-183, improve drainage, construct passing lanes and realign the Little Honolulu crossing. (Also associated with this project is NID 22331 and NID 30278).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	0	0	21,482,000	
Construction	SM	0	0	0	1,518,000	
Totals:		0	0	0	23,000,000	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30280

Title: Alaska Highway MP 1235-1251 Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Alaska Highway

Project Description:

Rehabilitate the Alaska Highway between MP 1235-1251. Including possible repairs to Gardiner Creek bridge #0503. (Also associated with NID 22299, the parent design project and construction of the MP 1251-1267 segment.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	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	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 30281

Title: Dalton Highway MP 305-315 Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction and widening of the Dalton Highway between MP 305-315. (Also associated with NID22475 and NID 30282.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	28,500,000

Program: National Highway System	Sponsor: _____
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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30282

Title: Dalton Highway MP 315-325 Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction and widening of the Dalton Highway between MP 315-325. (Also associated with NID 22475 and NID 30281.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	30,600,000

Program: National Highway System	Sponsor:
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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30283

Title: Alaska Highway Passing Lanes MP 1221-1310 (Yukon Border to Tok)

Region: Northern

Place Name: Northern Region

Highway: Alaska Highway

Project Description:

Construct passing lanes at various locations on the Alaska Highway between MP 1221-1310 to improve safety. (Also associated with NID 22315.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	25,000,000

<p>Program: National Highway System</p> <p>Primary Work: Safety</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>Sponsor:</p> <p>PEB Score:</p> <p>Criteria:</p> <p>Functional Class: INTERSTATE</p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30285

Title: Dalton Highway MP 18-25 Reconstruction

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 Hess Creek Bridge #1213 at MP 23. (Also associated with 22446.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	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>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: PRINCIPAL ARTERIAL - OTHER</p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30286

Title: Dalton Highway MP 222-235 Reconstruction

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 at MP 228.

This is the second segment of the overall termini of MP 209-235 (NID 22476). Segment one is MP 209-222 under NID 30277, the final segment will pave the entire length under the parent design, NID 22476.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	26,000,000

Program: National Highway System	Sponsor:
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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30369

Title: Nor Reg ADA Reconnaissance and Improvements

Region: Northern

Place Name: Northern Region

Highway: N/A

Project Description:

Perform a State owned facilities reconnaissance study to assess ADA compliance needs for pedestrian facilities in the Fairbanks urban area and other communities within Northern Region. The study will recommend priorities according to construction complexity and locations that are addressed in existing capital projects and recommend additional capital projects.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	36,120	0	0	0	
Design	STP	363,880	0	0	0	
Construction	SM	0	144,480	0	0	
Construction	STP	0	1,455,520	0	0	
Other / Miscellaneous	SM	45,150	0	0	0	
Other / Miscellaneous	STP	454,850	0	0	0	
Totals:		900,000	1,600,000	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Safety	PEB Score: _____
2013 Election District: 93 Northern Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	AC	90,970	0	0	0	
Design	ACC	0	-90,970	0	0	
Design	SM	9,030	0	0	0	
Design	STP	0	90,970	0	0	
Right of Way	AC	272,910	0	0	0	
Right of Way	ACC	0	-272,910	0	0	
Right of Way	SM	27,090	0	0	0	
Right of Way	STP	0	272,910	0	0	
Totals:		400,000	0	0	0	5,000,000

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30650

Title: Point Hope Transportation Infrastructure and Transit Improvements (TIGER)

Region: Northern

Place Name: Point Hope

Highway: N/A

Project Description:

This TIGER grant will provide funds to redesign and construct five critical roads, construct sidewalks, and improve ADA accessibility to transit in the Native Village of Point Hope. This project will also provide safer transportation options, including improved access for pedestrians and bicyclists.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	0	0	32,000	0	
Multi-Phase Activity	TIGER	0	2,160,541	724,451	0	
Totals:		0	2,160,541	756,451	0	0

Program: Community Transportation Program	Sponsor: Native Village of Point Hope
Primary Work: Transit	PEB Score:
2013 Election District: 40 Arctic	Criteria:
Borough/Census Area: North Slope Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	AC	181,940	0	0	0	
Right of Way	ACC	0	-181,940	0	0	
Right of Way	SM	18,060	0	0	0	
Right of Way	STP	0	181,940	0	0	
Construction	ILLU	0	4,366,560	0	0	
Construction	SM	0	433,440	0	0	
Totals:		200,000	4,800,000	0	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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	AC	90,970	0	0	0	
Right of Way	ACC	0	-90,970	0	0	
Right of Way	SM	9,030	0	0	0	
Right of Way	STP	0	90,970	0	0	
Construction	ILLU	0	1,000,670	0	0	
Construction	SM	0	99,330	0	0	
Totals:		100,000	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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	6,458,870	0	0	
Construction	ACC	0	0	-6,458,870	0	
Construction	SM	0	641,130	0	0	
Construction	STP	0	0	6,458,870	0	
Totals:		0	7,100,000	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 23815

Title: Richardson Highway MP 110 Tazlina Wayside Riverbank Stabilization

Region: Northern

Place Name: Tazlina

Highway: Richardson Highway

Project Description:

Stabilize the river embankment at Richardson Highway MP 110 Tazlina Wayside.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	SM	90,300	0	0	0	
Construction	STP	909,700	0	0	0	
Totals:		1,000,000	0	0	0	0

Program: Trails and Recreational Access for Alaska	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Valdez-Cordova	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	0	0	180,600	0	
Design	FLAP	0	0	1,819,400	0	
Totals:		0	0	2,000,000	0	0

Program:	Federal Lands Access Program	Sponsor:	
Primary Work:	Transportation Enhancements	PEB Score:	
2013 Election District:	6 Eielson/Denali/Upper Yukon/Border Region	Criteria:	
Borough/Census Area:	Valdez-Cordova	Functional Class:	PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO):	non-MPO		



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	2,257	0	0	0	
Design	STP	22,743	0	0	0	
Right of Way	SM	2,257	0	0	0	
Right of Way	STP	22,743	0	0	0	
Construction	SM	0	74,497	0	0	
Construction	STP	0	750,503	0	0	
Utilities	SM	2,709	0	0	0	
Utilities	STP	27,291	0	0	0	
Totals:		80,000	825,000	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor:
Primary Work: System Preservation	PEB Score:
2013 Election District:	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29809

Title: Richardson Highway MP 173-185 Reconstruction & Widening

Region: Northern

Place Name: Various

Highway: Richardson Highway

Project Description:

Reconstruct and widen the Richardson Highway between MP 173 and MP 185.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	0	1,364,550	
Design	SM	0	0	0	135,450	
Totals:		0	0	0	1,500,000	20,700,000

Program: <u>National Highway System</u>	Sponsor: _____
Primary Work: <u>Reconstruction</u>	PEB Score: _____
2013 Election District: <u>6 Eielson/Denali/Upper Yukon/Border Region</u>	Criteria: _____
Borough/Census Area: <u>Valdez-Cordova</u>	Functional Class: <u>MINOR ARTERIAL</u>
Municipal Planning Org. (MPO): <u>non-MPO</u>	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29811

Title: Richardson Highway MP 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) between MP 266 and MP 341 on the Richardson Highway to improve safety. Including intersection improvements at MP 337 (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. MP 266-305 under NID 30284 and MP 305-341 under the original NID 29811.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	1,634,500	0	0	
Design	SM	0	115,500	0	0	
Utilities	NHPP	0	0	0	280,200	
Utilities	SM	0	0	0	19,800	
Totals:		0	1,750,000	0	300,000	23,000,000

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	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	NHPP	1,364,550	1,364,550	0	0	
Multi-Phase Activity	SM	135,450	135,450	0	0	
Totals:		1,500,000	1,500,000	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Environmental Only	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	



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 Southeast Region planning manager: Phone: (907) 465-1775 Email: marie.heidemann@alaska.gov

2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-10,205,999	0	0	0	
Construction	EMRK	5,007,400	0	0	0	
Construction	STP	5,198,599	0	0	0	
Totals:		0	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: -
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	99,330	0	0	0	
Construction	STP	1,000,670	0	0	0	
Utilities	3PF	4,515	0	0	0	
Utilities	STP	45,485	0	0	0	
Totals:		1,150,000	0	0	0	0

Program: Community Transportation Program	Sponsor: City of Gustavus
Primary Work: Bridge Replacement	PEB Score:
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria:
Borough/Census Area: Hoonah-Angoon Census Area	Functional Class: Rural Minor Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30206

Title: Gustavus and Glacier Bay National Park Pedestrian and Bicycle Connection

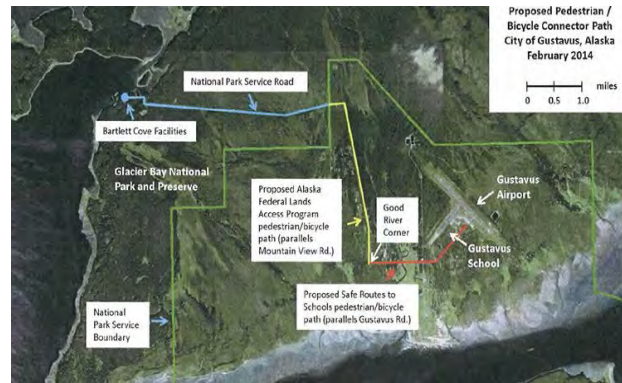
Region: Southcoast

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	0	0	46,053	0	
Design	FLAP	0	0	469,947	0	
Totals:		0	0	516,000	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:	N/A
Municipal Planning Org. (MPO):	non-MPO		



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2152

Title: Haines Highway Reconstruction, MP 3.5-25.3

Region: Southcoast

Place Name: Haines

Highway: Haines Highway

Project Description:

Widen to a paved width of 36 feet and improve the roadside environment between the airport and the previous upgrade (MP 25.3). Replace the Chilkat River Bridge (#0742). Straighten curves to meet a 55 mph design speed, including the bridge approach at Wells. Provide a long-term solution to debris flow problems near MP 19 and 23. Enhancements are planned along the Chilkat River and at the Mount Ripinsky trailhead. This project is for design and ROW acquisition only with construction phases in Needs 22279, 26330, and 27829.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	3,843,410	0	0	0	
Design	SM	381,510	0	0	0	
Right of Way	NHPP	3,638,800	0	0	0	
Right of Way	SM	361,200	0	0	0	
Totals:		8,224,920	0	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria:
Borough/Census Area: Haines Borough	Functional Class: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22136

Title: Klehini Bridge Replacement and Transfer

Region: Southcoast

Place Name: Haines

Highway:

Project Description:

Replace bridge, and modify/upgrade approaches. Bridge will be transferred to local government upon completion. Bridge # 1216.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-8,273,112	0	0	0	
Construction	STP	8,273,112	0	0	0	
Utilities	ACC	-73,034	0	0	0	
Utilities	STP	73,034	0	0	0	
Totals:		0	0	0	0	0

Program: Community Transportation Program	Sponsor: DOT&PF SER
Primary Work: Bridge Replacement	PEB Score:
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: Urban and Rural
Borough/Census Area: Haines Borough	Functional Class: Urban Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 22279

Title: Haines Highway Reconstruction & Chilkat Bridge Replacement MP 21-25.3

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 near MP 23 (same issue at MP 19). Enhancements planned along the Chilkat River. This is one of three construction projects that fall under the Haines Highway Reconstruction, MP3.5-25.3 Design project. See Need ID's 2152, 26330, and 27829.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	0	0	29,838,188	
Construction	OSF	0	0	0	2,500,000	
Construction	SM	0	0	0	2,961,870	
Utilities	AC	0	0	0	591,305	
Utilities	SM	0	0	0	58,695	
Totals:		0	0	0	35,950,058	30,429,493

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:	Rural Other Principal Arterial
Municipal Planning Org. (MPO):	non-MPO		



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26330

Title: Haines Highway Reconstruction MP 12.2 - 21

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 at MP 19. This is one of three construction projects that fall under the Haines Highway Reconstruction, MP3.5-25.3 Design project. See Need ID's 2152, 22279, and 27829.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	27,000,000

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27829

Title: Haines Highway Reconstruction MP3.5-12.2

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, MP3.5-25.3 Design project. See Need ID's 2152, 22279, and 26330.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	0	33,331,408	0	0	
Construction	SM	0	3,308,592	0	0	
Utilities	NHPP	0	327,492	0	0	
Utilities	SM	0	32,508	0	0	
Totals:		0	37,000,000	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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28949

Title: Prince of Wales - Clark Bay Ferry Terminal and Seaplane Float Expanded Parking

Region: Southcoast

Place Name: Hollis

Highway: Marine Highway

Project Description:

This project will construct additional vehicle parking spaces near the Clark Bay Ferry Terminal and Seaplane Float to alleviate safety concerns from vehicles parking along the highway due to inadequate existing parking.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	SM	0	0	153,510	0	
Construction	STP	0	0	1,546,490	0	
Totals:		0	0	1,700,000	0	0

Program: Alaska Highway System	Sponsor: Southeast Region
Primary Work: Safety	PEB Score:
2013 Election District: 35 Sitka/Petersburg	Criteria:
Borough/Census Area: Prince of Wales-Hyder Census Area	Functional Class:
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	HPRL	0	0	1,971,239	0	
Construction	SM	0	0	451,500	0	
Construction	STP	0	0	3,050,386	0	
Totals:		0	0	5,473,125	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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 10765

Title: Juneau Egan Dr and Yandukin Intersection Improvement

Region: Southcoast

Place Name: Juneau

Highway: Glacier Highway

Project Description:

Construct an improvement to the Egan Dr and Yandukin intersection as recommended by an Egan Dr and Yandukin Intersection Planning and Environmental Linkage (PEL) study. The study will define the Purpose and Need for short and long-term improvements and evaluate improvement alternatives with respect to the Purpose and Need, and provide recommendations.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	NHPP	227,425	0	0	0	
Other / Miscellaneous	SM	22,575	0	0	0	
Totals:		250,000	0	0	0	0

Program: National Highway System	Sponsor:
Primary Work: Safety	PEB Score:
2013 Election District: 34 Mendenhall Valley	Criteria:
Borough/Census Area: Juneau, City and Borough of	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	31,250	0	0	0	
Design	STP	93,750	0	0	0	
Right of Way	3PF	12,500	0	0	0	
Right of Way	STP	37,500	0	0	0	
Construction	3PF	0	1,184,325	0	0	
Construction	STP	0	4,552,975	0	0	
Utilities	3PF	0	7,500	0	0	
Utilities	STP	0	22,500	0	0	
Totals:		175,000	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: Urban Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 19214

Title: Juneau Access: Glacier Highway MP 40.5-91.1

Region: Southcoast

Place Name: Juneau

Highway:

Project Description:

Extend Glacier Highway/State Route 7 northward from its current terminus to the north side of the Katzeihin River delta, in a series of stages, per the preferred alternative in the Final Environmental Impact Statement (EIS) and construct terminal near Katzeihin River.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	HPRL	0	6,361,936	0	0	
Design	SM	0	631,508	0	0	
Totals:		0	6,993,444	0	0	513,095,156

Program: National Highway System	Sponsor: ADOT/PF
Primary Work: New Construction	PEB Score:
2013 Election District: 34 Mendenhall Valley	Criteria:
Borough/Census Area: Juneau, City and Borough of	Functional Class: Urban Minor Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-7,422,472	-7,422,472	0	0	
Construction	NHPP	7,422,472	7,422,472	0	0	
Utilities	ACC	-748,076	-748,076	0	0	
Utilities	NHPP	748,076	748,076	0	0	
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor: SER DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 34 Mendenhall Valley	Criteria:
Borough/Census Area: Juneau, City and Borough of	Functional Class: Urban Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	4,230,105	0	0	
Construction	ACC	0	0	-4,230,105	0	
Construction	CST	0	1,658,540	0	0	
Construction	NHPP	0	4,230,105	4,230,105	0	
Utilities	CST	0	32,960	0	0	
Utilities	NHPP	0	332,040	0	0	
Totals:		0	10,483,750	0	0	0

Program: National Highway System	Sponsor: SER DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria:
Borough/Census Area: Juneau, City and Borough of	Functional Class: Urban Other Principal Arterial
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 (approximately milepoint 1.6 to 3.2). 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	FFY16	FFY17	FFY18	FFY19	After2019
Design	BOND	300,000	0	0	0	
Right of Way	BOND	100,000	0	0	0	
Right of Way	SM	0	90,300	0	0	
Right of Way	STP	0	909,700	0	0	
Construction	AC	0	11,007,370	0	0	
Construction	ACC	0	0	0	-11,007,370	
Construction	SM	0	1,092,630	0	0	
Construction	STP	0	0	0	11,007,370	
Utilities	AC	0	1,364,550	0	0	
Utilities	ACC	0	0	0	-1,364,550	
Utilities	SM	0	135,450	0	0	
Utilities	STP	0	0	0	1,364,550	
Totals:		400,000	14,600,000	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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26334

Title: Egan Drive: Salmon Creek Intersection Safety Improvements

Region: Southcoast

Place Name: Juneau

Highway:

Project Description:

Improve intersection safety by constructing acceleration/deceleration lanes on Egan Drive at Salmon Creek intersection, including widening Salmon Creek Bridge (#1188) and associated improvements as required.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-3,199,869	0	0	0	
Construction	NHPP	3,199,869	0	0	0	
Totals:		0	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: Juneau, City and Borough of	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27350

Title: Juneau Glacier Highway Reconstruction: Lena to Tee Harbor

Region: Southcoast

Place Name: Juneau

Highway: Glacier Highway

Project Description:

Resurface, restore, and rehabilitate (3R) Glacier Highway from the end of the completed Auke Rec Bypass Project just past Lena Loop Road (approximately mp 15.7) to just before the Point Stephens Road (approximately mp 17.2) to enhance safety, ride ability and reduce maintenance. Total project length is approximately 1.5 miles. The road will be widened so that shoulders and travel lanes meet AASHTO standards. Replace guardrails, address mail boxes and other encroachments, and relocate utilities and rockery walls as necessary.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	0	-4,013,018	0	0	
Construction	STP	0	4,013,018	0	0	
Utilities	ACC	0	-78,558	0	0	
Utilities	STP	0	78,558	0	0	
Totals:		0	0	0	0	0

Program: Alaska Highway System	Sponsor: ADOT&PF
Primary Work: Resurface	PEB Score:
2013 Election District:	Criteria:
Borough/Census Area: Juneau, City and Borough of	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27701

Title: Juneau - Glacier Hwy and Industrial Blvd Intersection Improvement

Region: Southcoast

Place Name: Juneau

Highway: Glacier Highway

Project Description:

A median will be installed on Glacier Highway west of the Glacier Hwy and Industrial Blvd Intersection.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	9,097	0	0	0	
Design	SM	903	0	0	0	
Right of Way	NHPP	9,097	0	0	0	
Right of Way	SM	903	0	0	0	
Construction	NHPP	0	227,425	0	0	
Construction	SM	0	22,575	0	0	
Utilities	NHPP	9,097	0	0	0	
Utilities	SM	903	0	0	0	
Totals:		30,000	250,000	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 34 Mendenhall Valley	Criteria: _____
Borough/Census Area: Juneau, City and Borough of	Functional Class: Urban Minor Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28769

Title: Juneau - Egan Dr and Riverside Intersection Improvement

Region: Southcoast

Place Name: Juneau

Highway: Glacier Highway

Project Description:

This project will improve the intersection of Riverside Drive and Egan Drive. Several improvements will be considered including extending Riverside Drive through Egan Drive to connect with Glacier Highway North.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	181,940	0	0	
Design	SM	0	18,060	0	0	
Right of Way	NHPP	0	909,700	0	0	
Right of Way	SM	0	90,300	0	0	
Totals:		0	1,200,000	0	0	0

Program: National Highway System	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 34 Mendenhall Valley	Criteria:
Borough/Census Area: Juneau, City and Borough of	Functional Class: Urban Other Principal Arterial
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29549

Title: JNU - Mendenhall Valley Adaptive Traffic Signal Control System

Region: Southcoast

Place Name: Juneau

Highway: N/A

Project Description:

Implement adaptive traffic signal control technology in the Mendenhall Valley traffic signal network that will enable the use of real-time traffic information to control signal phasing for minimum delay and congestion. The following signalized intersections comprise the network: "McNugget"; Jordan and Glacier; Shell Simmons & Glacier; Loop & Egan; Riverside & Egan; Riverside & Riverwood; Loop & Mall Rd/Atlin; Riverside & Mall Rd/Vintage Blvd; Loop and Stephen Richards/Halloff; and Loop and Valley Blvd/Mendenhall Blvd. Replace and upgrade traffic system components and equipment as required to support implementation and operation of adaptive control technology. Establish a Traffic Operations Center at Southcoast Region Headquarters to provide full remote monitoring and control of the Mendenhall Valley traffic network



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-750,503	0	0	0	
Construction	CMAQ	750,503	0	0	0	
Totals:		0	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: -
Primary Work: Congestion	PEB Score: -
2013 Election District: 34 Mendenhall Valley	Criteria: -
Borough/Census Area: Juneau, City and Borough of	Functional Class: -
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	22,575	11,287	0	0	
Design	CMAQ	227,425	113,713	0	0	
Right of Way	3PF	0	9,030	0	0	
Right of Way	CMAQ	0	90,970	0	0	
Construction	3PF	0	0	135,450	0	
Construction	CMAQ	0	0	1,364,550	0	
Utilities	3PF	0	0	11,287	0	
Utilities	CMAQ	0	0	113,713	0	
Totals:		250,000	225,000	1,625,000	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30207

Title: Harris River Bridge Replacement

Region: Southcoast

Place Name: Juneau

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	0	0	316	0	
Multi-Phase Activity	FLAP	0	0	3,184	0	
Design	FLAP	0	0	5,458	0	
Design	SM	0	0	542	0	
Construction	3PF	0	0	16,444	0	
Construction	FLAP	0	0	165,656	0	
Totals:		0	0	191,600	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	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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 an electric bus and charge stations.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	3PF	30,000	0	0	0	
Other / Miscellaneous	5339	1,200,000	0	0	0	
Totals:		1,230,000	0	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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	9,030	0	0	0	
Design	STP	90,970	0	0	0	
Right of Way	AC	90,970	0	0	0	
Right of Way	ACC	0	-90,970	0	0	
Right of Way	SM	9,030	0	0	0	
Right of Way	STP	0	90,970	0	0	
Construction	AC	2,956,525	0	0	0	
Construction	ACC	0	0	0	-2,956,525	
Construction	SM	293,475	0	0	0	
Construction	STP	0	0	0	2,956,525	
Utilities	AC	9,097	0	0	0	
Utilities	ACC	0	0	0	-9,097	
Utilities	SM	903	0	0	0	
Utilities	STP	0	0	0	9,097	
Totals:		3,460,000	0	0	0	0

Program: Community Transportation Program

Primary Work: Resurface

2013 Election District: 35 Sitka/Petersburg

Borough/Census Area: Unorganized Borough

Municipal Planning Org. (MPO): non-MPO

Sponsor: SER DOT&PF

PEB Score:

Criteria:

Functional Class: Rural Major Collector



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	0	0	164,292	0	
Construction	FLAP	0	0	1,655,108	0	
Totals:		0	0	1,819,400	0	0

<p>Program: <u>Federal Lands Access Program</u></p> <p>Primary Work: <u>Reconstruction</u></p> <p>2013 Election District: <u>35 Sitka/Petersburg</u></p> <p>Borough/Census Area: <u>Prince of Wales-Hyder Census Area</u></p> <p>Municipal Planning Org. (MPO): <u>non-MPO</u></p>	<p>Sponsor: _____</p> <p>PEB Score: _____</p> <p>Criteria: _____</p> <p>Functional Class: <u>Rural Major Collector</u></p>
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2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 6383

Title: Ketchikan Shipyard Improvements and Utility Upgrades

Region: Southcoast

Place Name: Ketchikan

Highway:

Project Description:

Relocation and upgrade of the primary power substation for the Ketchikan Shipyard to modernize switching, transforming, and metering functions providing more efficient distribution of energy throughout the yard. Relocating the substation from the current location also creates needed space for future development of Land Level Berth #2. Acquire capital equipment and tooling to support shipbuilding and repair operations at the Ketchikan Shipyard. Transfer to FTA with AIDEA match.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	1,180,000	0	0	0	
Multi-Phase Activity	EMRK	2,513,008	0	0	0	
Totals:		3,693,008	0	0	0	0

Program: Community Transportation Program	Sponsor: AIDEA
Primary Work: New Construction	PEB Score: 199
2013 Election District: 91 Southcoast Region	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 8462

Title: Gravina Access

Region: Southcoast

Place Name: Ketchikan

Highway:

Project Description:

Design and construct improved access to Gravina Island.
Improvements to implement EIS Record of Decision.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	HPRL	0	9,097,000	50,033,500	0	
Multi-Phase Activity	SM	0	903,000	4,966,500	0	
Design	E330	487,500	0	0	0	
Design	HIPR	831,940	0	0	0	
Design	SM	180,560	0	0	0	
Totals:		1,500,000	10,000,000	55,000,000	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: New Construction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	0	36,120	0	0	
Design	STP	0	363,880	0	0	
Construction	3PF	0	0	180,600	0	
Construction	STP	0	0	1,819,400	0	
Totals:		0	400,000	2,000,000	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: Urban Local Road
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	81,270	49,665	0	0	
Design	STP	818,730	500,335	0	0	
Right of Way	SM	0	90,300	0	0	
Right of Way	STP	0	909,700	0	0	
Construction	AC	0	0	0	13,481,754	
Construction	SM	0	0	0	1,338,246	
Utilities	SM	0	0	0	36,120	
Utilities	STP	0	0	0	363,880	
Totals:		900,000	1,550,000	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: Urban Minor Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	36,120	27,090	0	0	
Design	STP	363,880	272,910	0	0	
Right of Way	SM	0	90,300	0	0	
Right of Way	STP	0	909,700	0	0	
Construction	ILLU	0	6,495,258	0	0	
Construction	SM	0	644,742	0	0	
Utilities	ILLU	0	1,819,400	0	0	
Utilities	SM	0	180,600	0	0	
Totals:		400,000	10,440,000	0	0	0

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: Rural Minor Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 24036

Title: Replacement of Water Street Trestle No. 2 (Ketchikan Off-System Bridge)

Region: Southcoast

Place Name: Ketchikan

Highway:

Project Description:

Remove existing Water Street Trestle No. 2 (#0446) and replace with a new structure that will provide safe access for pedestrians and vehicles. Bridge should be designed to accommodate large emergency vehicles.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-17,367,513	0	0	0	
Construction	OSF	6,773,330	0	0	0	
Construction	STP	10,594,183	0	0	0	
Totals:		0	0	0	0	0

Program: Community Transportation Program	Sponsor: City of Ketchikan
Primary Work: Bridge Replacement	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	ACC	-363,880	0	0	0	
Design	NHPP	454,850	0	0	0	
Design	SM	9,030	0	0	0	
Right of Way	NHPP	9,097	0	0	0	
Right of Way	SM	903	0	0	0	
Construction	NHPP	0	7,800,678	0	0	
Construction	SM	0	774,322	0	0	
Utilities	NHPP	0	9,097	0	0	
Utilities	SM	0	903	0	0	
Totals:		110,000	8,585,000	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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26337

Title: South Tongass Highway Paving: Herring Cove to end of road

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Pave and improve drainage and adjust guardrail as needed on the segment of South Tongass Highway from the end of existing pavement (approximately mp 10.63) to the end of the road (approximately mp 15.09), for a total length of approximately 4.5 miles.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	0	-3,392,954	0	0	
Construction	STP	0	3,392,954	0	0	
Totals:		0	0	0	0	0

Program: Alaska Highway System	Sponsor:
Primary Work: Resurface	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	HPRL	300,000	0	0	0	
Right of Way	HPRL	50,000	0	0	0	
Construction	AC	9,097,000	0	0	0	
Construction	ACC	0	-9,097,000	0	0	
Construction	SM	903,000	0	0	0	
Construction	STP	0	9,097,000	0	0	
Totals:		10,350,000	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: Urban Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 27766

Title: Ketchikan - So. Tongass Highway-Tongass Ave and Water St Viaduct and Tunnel Improvements

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

This project will resurface pavement and construct improvements along South Tongass Highway (locally referred to as Tongass Ave and Water St) between milepoints 19 (Hoadley Creek Bridge) and 2.0, including the South Tongass Highway Tunnel. Some segments of pavement in good condition may not be resurfaced. In addition to resurfacing and other routine improvements, project design should consider improvements to pedestrian and bike facilities, lane configurations, tunnel lighting, Hoadley Creek Bridge (#725) and Water St. Viaduct (#797).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	ACC	-1,137,125	0	0	0	
Design	NHPP	1,137,125	454,850	0	0	
Design	SM	0	45,150	0	0	
Right of Way	NHPP	0	454,850	0	0	
Right of Way	SM	0	45,150	0	0	
Construction	NHPP	0	15,101,020	0	0	
Construction	SM	0	1,498,980	0	0	
Utilities	NHPP	0	909,700	0	0	
Utilities	SM	0	90,300	0	0	
Totals:		0	18,600,000	0	0	0

Program: National Highway System	Sponsor:
Primary Work: Resurface	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: Urban Minor Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	27,090	18,060	0	0	
Design	STP	272,910	181,940	0	0	
Right of Way	SM	0	27,090	0	0	
Right of Way	STP	0	272,910	0	0	
Construction	AC	0	0	0	3,456,860	
Construction	SM	0	0	0	343,140	
Utilities	AC	0	0	0	272,910	
Utilities	SM	0	0	0	27,090	
Totals:		300,000	500,000	0	4,100,000	3,729,770

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: Rural Minor Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	0	27,090	0	0	
Design	STP	0	272,910	0	0	
Construction	3PF	0	0	135,450	0	
Construction	STP	0	0	1,364,550	0	
Totals:		0	300,000	1,500,000	0	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: Rural Local Road
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

Need ID: 17902

Title: King Cove to Cold Bay Corridor

Region: Southcoast

Place Name: King Cove

Highway:

Project Description:

Improve surface access between the communities of King Cove and Cold Bay through the design and construction of a multi-modal transportation system.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ACC	-894,383	0	0	0	
Construction	STP	894,383	0	0	0	
Totals:		0	0	0	0	0

Program: Community Transportation Program	Sponsor: Aleutians East Borough
Primary Work: New Construction	PEB Score: 199
2013 Election District:	Criteria: Remote and Trails
Borough/Census Area: Aleutians East Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26120

Title: King Cove Cold Bay Road

Region: Southcoast

Place Name: King Cove

Highway:

Project Description:

This project will construct the third and final phase of the road connecting the City of King Cove with the City of Cold Bay and its all-weather airport. The project will construct a 12 mile single lane gravel road with turnouts. Funding is dependent on the U.S. Fish and Wildlife Service receiving a Record of Decision on the Izembek Land Exchange EIS that supports road construction.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ILLU	0	0	0	30,000,000	
Totals:		0	0	0	30,000,000	0

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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 2436

Title: Kodiak - Otmeloi Way Reconstruction

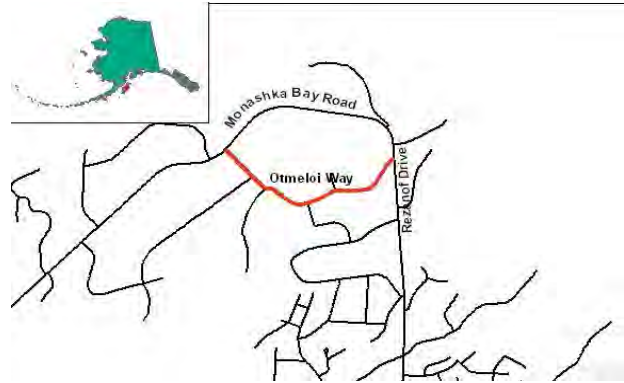
Region: Southcoast

Place Name: Kodiak

Highway: N/A

Project Description:

Reconstruct approximately one mile of Otmeloi Way (milepoint 0 to 0.8). 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	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	OSF	500,000	0	0	0	
Construction	ILLU	0	3,750,000	0	0	
Construction	OSF	0	1,077,762	0	0	
Utilities	OSF	0	750,000	0	0	
Totals:		500,000	5,577,762	0	0	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: LOCAL
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 from approximately milepoint 0 to 0.35. Rehabilitate per items recommended on 2014 Bridge Assessment including deck rehabilitation and repainting the steel superstructure.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	0	22,575	22,575	0	
Design	STP	0	227,425	227,425	0	
Totals:		0	250,000	250,000	0	15,000,000

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	18,060	0	0	0	
Design	STP	181,940	0	0	0	
Right of Way	SM	903	0	0	0	
Right of Way	STP	9,097	0	0	0	
Construction	AC	0	7,732,450	0	0	
Construction	SM	0	767,550	0	0	
Utilities	AC	0	909,700	0	0	
Utilities	ACC	0	0	-909,700	0	
Utilities	SM	0	90,300	0	0	
Utilities	STP	0	0	909,700	0	
Totals:		210,000	9,500,000	0	0	7,732,450

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29877

Title: Kodiak - Chiniak Hwy Rehabilitate: MP 15 to 31

Region: Southcoast

Place Name: Kodiak Island

Highway: N/A

Project Description:

Rehabilitate the Chiniak Highway from Milepost 15 to 31 (approx. milepoints 5 to 21) to improve and preserve the roadway subgrade and surface. Address lighting, guardrails, drainage, culverts and other highway appurtenances as needed.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	AC	0	727,760	454,850	0	
Design	ACC	0	0	0	-1,182,610	
Design	SM	0	72,240	45,150	0	
Design	STP	0	0	0	1,182,610	
Right of Way	AC	0	0	181,940	0	
Right of Way	SM	0	0	18,060	0	
Totals:		0	800,000	700,000	0	22,681,940

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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 (approx. milepoints 8.7 to 13.7) 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	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	27,090	9,030	0	0	
Design	STP	272,910	90,970	0	0	
Right of Way	SM	0	9,030	0	0	
Right of Way	STP	0	90,970	0	0	
Construction	AC	0	0	3,957,195	0	
Construction	SM	0	0	392,805	0	
Utilities	SM	0	0	903	0	
Utilities	STP	0	0	9,097	0	
Totals:		300,000	200,000	4,360,000	0	3,957,195

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	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	SM	4,515	0	0	0	
Right of Way	STP	45,485	0	0	0	
Construction	AC	0	6,094,990	0	0	
Construction	ACC	0	0	0	-6,094,990	
Construction	SM	0	605,010	0	0	
Construction	STP	0	0	0	6,094,990	
Utilities	AC	0	636,790	0	0	
Utilities	ACC	0	0	0	-636,790	
Utilities	SM	0	63,210	0	0	
Utilities	STP	0	0	0	636,790	
Totals:		50,000	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:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	18,060	9,030	0	0	
Design	AC	181,940	90,970	0	0	
Design	ACC	0	0	-272,910	0	
Design	STP	0	0	272,910	0	
Construction	3PF	0	0	153,510	0	
Construction	AC	0	0	1,546,490	0	
Totals:		200,000	100,000	1,700,000	0	1,546,490

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 35 Sitka/Petersburg	Criteria:
Borough/Census Area: Hoonah-Angoon Census Area	Functional Class: Rural Local Road
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28869

Title: Prince of Wales - Road Weather Information System (RWIS) Installations

Region: Southcoast

Place Name: Prince of Wales Island

Highway: N/A

Project Description:

This project will deploy Road Weather Information System (RWIS) sites to support the Southcoast Region Maintenance & Operations, traveler information, and safety. One RWIS site will be deployed on the Craig/Klawock/Hollis Highway near the Hydaburg Highway intersection. This site is a cooperative effort with the Federal Aviation Administration's Weather Camera program. A second RWIS site will be deployed at Big Salt Lake Rd. and Thorne Bay Rd. intersection. Project includes system design, hardware, sensors, cameras, software, and installation for the sites. This project will enable RWIS information to be available directly to M&O staff for winter weather maintenance decisions, and will be posted on the 511 traveler information and RWIS websites.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	SM	22,575	0	0	0	
Construction	STP	227,425	0	0	0	
Totals:		250,000	0	0	0	0

Program: Alaska Highway System	Sponsor:
Primary Work: Traffic Management Operations	PEB Score:
2013 Election District: 91 Southcoast Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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 to serve as Sand Point's ferry terminal. The new dock will replace an old city dock that currently accommodates state ferries, but is nearing the end of its service life.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	8,733,120	0	0	
Construction	SM	0	866,880	0	0	
Totals:		0	9,600,000	0	0	8,733,120

Program: <u>Alaska Highway System</u>	Sponsor: <u>Southcoast Region</u>
Primary Work: <u>New Construction</u>	PEB Score: _____
2013 Election District: <u>37 Bristol Bay/Aleutians/Upper Kuskokwim</u>	Criteria: _____
Borough/Census Area: <u>Aleutians East Borough</u>	Functional Class: <u>N/A</u>
Municipal Planning Org. (MPO): <u>non-MPO</u>	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 23915

Title: SIT - Public Transportation Bus and Maintenance Facility

Region: Southcoast

Place Name: Sitka

Highway:

Project Description:

Build a Public Transportation Bus and Maintenance Facility, which will include maintenance bays and a bus wash. Project will include any necessary studies, environmental and archeological studies, rehabilitation and construction. This will be accomplished by a transfer to FTA.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	112,785	0	0	0	
Design	STP	1,136,219	0	0	0	
Right of Way	3PF	29,347	0	0	0	
Right of Way	STP	295,653	0	0	0	
Construction	3PF	0	722,228	0	0	
Construction	SM	0	103,015	0	0	
Construction	STP	0	8,313,653	0	0	
Totals:		1,574,004	9,138,896	0	0	0

Program: Community Transportation Program	Sponsor: Sitka Tribe of Alaska
Primary Work: Transit	PEB Score:
2013 Election District:	Criteria: Transit
Borough/Census Area: Sitka, City and Borough of	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 26110

Title: Sawmill Creek Road Resurfacing & Pedestrian Improvements

Region: Southcoast

Place Name: Sitka

Highway:

Project Description:

Improve Sawmill Creek Road to make it more accessible to pedestrians including those with disabilities and improve mobility of bikers. This project will widen sidewalks on the north side of Sawmill Creek Road from the roundabout at HPR/LAKE/SCR to Jeff Davis. Narrow travel lanes and add 4' bike lanes. Install concrete median to better delineate SCR and DeGroff. Resurface the entire project length. Make the connection from the existing bike path to the Jarvis crosswalk ADA compliant.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	0	18,060	0	0	
Design	STP	0	181,940	0	0	
Right of Way	SM	0	903	0	0	
Right of Way	STP	0	9,097	0	0	
Construction	SM	0	0	297,990	0	
Construction	STP	0	0	3,002,010	0	
Utilities	SM	0	0	903	0	
Utilities	STP	0	0	9,097	0	
Totals:		0	210,000	3,310,000	0	0

Program: Alaska Highway System	Sponsor:
Primary Work:	PEB Score: 368
2013 Election District: 35 Sitka/Petersburg	Criteria: Urban and Rural
Borough/Census Area: Sitka, City and Borough of	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28452

Title: Cross Trail Multimodal Pathway

Region: Southcoast

Place Name: Sitka

Highway: N/A

Project Description:

Design, complete environmental clearance, permit, and build remaining phases of the Cross Trail Multimodal Pathway.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	2,039	20,536	0	0	
Construction	FLAP	20,536	206,889	0	0	
Totals:		22,575	227,425	0	0	0

Program: Federal Lands Access Program	Sponsor:
Primary Work: New Construction	PEB Score:
2013 Election District: 35 Sitka/Petersburg	Criteria:
Borough/Census Area: Sitka, City and Borough of	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 30210

Title: Sawmill Creek Transportation Corridor Improvements

Region: Southcoast

Place Name: Sitka

Highway: N/A

Project Description:

Produce a corridor improvement study for the section of Sawmill Creek Road adjacent to Sitka National Historical Park. The study will examine modifications that better accommodate pedestrian travel to and from the National Park across Sawmill Creek Road



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	3PF	0	13,545	0	0	
Other / Miscellaneous	FLAP	0	136,455	0	0	
Totals:		0	150,000	0	0	0

Program: Federal Lands Access Program	Sponsor: _____
Primary Work: Research	PEB Score: _____
2013 Election District: 35 Sitka/Petersburg	Criteria: _____
Borough/Census Area: Sitka, City and Borough of	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 6059

Title: Skagway - Klondike Highway -Replace Capt. W. H. Moore Bridge

Region: Southcoast

Place Name: Skagway

Highway: Klondike Highway

Project Description:

This project will replace the Captain William Henry Moore Bridge (#1304) at approximately milepoint 9.5 on the Klondike Highway between Skagway and the Canadian border. Repave and widen roadway approaches to bridge as necessary.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	454,850	0	0	0	
Design	SM	45,150	0	0	0	
Right of Way	NHPP	45,485	0	0	0	
Right of Way	SM	4,515	0	0	0	
Construction	NHPP	0	17,557,210	0	0	
Construction	SM	0	1,742,790	0	0	
Utilities	NHPP	0	45,485	0	0	
Utilities	SM	0	4,515	0	0	
Totals:		550,000	19,350,000	0	0	0

Program: National Highway System	Sponsor: ADOT&PF
Primary Work: Bridge Replacement	PEB Score:
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria:
Borough/Census Area: Skagway, Municipality and Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 3028

Title: Kake Access

Region: Southcoast

Place Name: Southcoast Region

Highway:

Project Description:

Construct approximately 23 miles of new single lane, unpaved roadway and bridges and improve approximately 22 miles of existing logging roads on the north end of Kupreanof Island to extend Kake logging road system to Wrangell Narrows



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	OSF	1,000,000	0	0	0	
Other / Miscellaneous	OSF	0	0	37,000,000	0	
Totals:		1,000,000	0	37,000,000	0	0

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



**2016-2019 Alaska Statewide Transportation Improvement Program
Amendment 1; Approved September 22, 2016**

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	FFY16	FFY17	FFY18	FFY19	After2019
Other / Miscellaneous	SA	180,000	180,000	180,000	180,000	
Other / Miscellaneous	SM	20,000	20,000	20,000	20,000	
Totals:		200,000	200,000	200,000	200,000	1,200,000

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: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	NHPP	3,183,950	3,183,950	3,183,950	3,183,950	
Multi-Phase Activity	SM	948,150	948,150	948,150	948,150	
Multi-Phase Activity	STP	6,367,900	6,367,900	6,367,900	6,367,900	
Design	ACC	-19,474	0	0	0	
Design	NHPP	6,426	0	0	0	
Design	STP	13,048	0	0	0	
Construction	ACC	-3,578,502	-1,802,704	0	0	
Construction	NHPP	1,775,798	0	0	0	
Construction	STP	1,802,704	1,802,704	0	0	
Totals:		10,500,000	10,500,000	10,500,000	10,500,000	63,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Rehabilitation	PEB Score:
2013 Election District: 91 Southcoast Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	SM	54,180	180,600	180,600	180,600	
Multi-Phase Activity	STP	545,820	1,819,400	1,819,400	1,819,400	
Totals:		600,000	2,000,000	2,000,000	2,000,000	2,000,000

Program: National Highway System	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 91 Southcoast Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 28793

Title: Southcoast Region - Hwy Data Equipment Acquisition and Installation

Region: Southcoast

Place Name: Southcoast Region

Highway: N/A

Project Description:

Design, construct, or rehabilitate traffic data collection sites for the state's federally required Traffic Monitoring System for Highways (TMS/H). This project includes purchase of items such as: traffic data counters; cameras; computers; software for in office data retrieval; program evaluations; and, IT needs for data collection, communications, and software.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	4,063	5,418	0	0	
Design	STP	40,937	54,582	0	0	
Right of Way	SM	451	451	0	0	
Right of Way	STP	4,549	4,549	0	0	
Construction	SM	36,120	45,150	0	0	
Construction	STP	363,880	454,850	0	0	
Utilities	SM	1,354	2,257	0	0	
Utilities	STP	13,646	22,743	0	0	
Totals:		465,000	590,000	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor:
Primary Work: System Preservation	PEB Score:
2013 Election District: 91 Southcoast Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

Need ID: 29879

Title: Southcoast Region Weigh In Motion (WIM) Infrastructure Installation

Region: Southcoast

Place Name: Various

Highway: N/A

Project Description:

Install Weigh In Motion (WIM) infrastructure on both the Haines and Klondike Highways.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	0	0	2,501,675	
Construction	SM	0	0	0	248,325	
Totals:		0	0	0	2,750,000	2,501,675

Program:	National Highway System	Sponsor:	
Primary Work:	ITS	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		



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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. 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	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	27,600,000

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: Rural Local Road
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	3PF	9,097	0	0	0	
Right of Way	STP	903	0	0	0	
Construction	3PF	498,500	0	0	0	
Construction	AC	4,501,500	0	0	0	
Construction	ACC	0	0	0	-4,501,500	
Construction	STP	0	0	0	4,501,500	
Utilities	3PF	19,940	0	0	0	
Utilities	AC	180,060	0	0	0	
Utilities	ACC	0	0	0	-180,060	
Utilities	STP	0	0	0	180,060	
Totals:		5,210,000	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: Rural Major Collector
Municipal Planning Org. (MPO): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program Amendment 1; Approved September 22, 2016

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	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	0	0	8,010	0	
Design	FLAP	0	0	80,690	0	
Construction	3PF	0	0	35,759	0	
Construction	FLAP	0	0	360,241	0	
Totals:		0	0	484,700	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	



**Division of Program Development
Process Consultation Matrix**

Process and reference	Who notified/consulted										What actions governed							
	MPO local govt officials	Non-MPO local govt 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 govt jurisdiction						●	●					●	●					
Federal Transportation Regs MPO planning process (cooperative) 23 CFR 450.306, 314 and 316	●		●	●				●	●		●		● (TIP)****	Major Investment Studies				
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	●	214(i) only	●			●					●	●						
Federal Transportation Regs 23 CFR 450.214(j) and 322(f)(7) Potential environmental mitigation			●			●					●	●						
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

Revised 3/10/2010

2016-2019 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.

CMAQ (Congestion Mitigation/Air Quality) – 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.

E330 (Section 330 Earmarks) – In the Federal FY 2003 Consolidated Appropriations Resolution, PL 108-7, section 330 of Division I, dealing with Transportation Appropriations, Congress earmarked funds for projects in Alaska. These funds are not available for other projects. The federal share is 100%.

EMFX (Earmark Flexible) – Section 186 of the FFY 2006 federal appropriations bill changed the availability of several deductive and non-deductive earmarks for the Knik Arm and Gravina Island bridge projects, allowing the state to use them for any eligible purpose. The match ratio is determined by the type of project funded from this source.

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.

HIPR (High Priority 1602) – In TEA-21 section 1602, Congress earmarked funds for over 1,800 projects in many states. Alaska received over \$68 million for sixteen projects. These funds are not available for other projects. The federal share is 80%.

HPRL (High Priority 1702) – In SAFETEA-LU section 1702, Congress earmarked funds for over 5,000 projects nationwide. Generally, these funds are not available for other projects; although the funding for some projects may be loaned to other projects within the list. The federal share is 90.97%.

HPRM - functionally the same as HPRL for general purposes, the different codes indicates to funding personnel where to look for legislative language.

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.

SA40 (Safety Sanction) – This special category of safety funds addresses highway hazard eliminations similar to *Safety (SA)* above, 100% federal. The funds are made available by a sanction or reduction to Alaska's Interstate Maintenance, National Highway System and Surface Transportation Program apportionments. Each year, 3% of these program funds are reallocated because Alaska does not have conforming laws addressing repeat DUI and open alcoholic containers on motorcycles.

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% if spent on interstate routes or 90.97% otherwise.

TAP (Transportation Alternatives Program) – The Moving Ahead for Progress in the 21st Century Act (MAP-21) replaced the Transportation Enhancement (TE) Activities with the Transportation Alternatives Program (TAP), a new program, with funding derived from the NHPP, STP, HSIP, CMAQ and Metropolitan Planning programs, encompassing most activities funded under the Transportation Enhancements, Recreational Trails, and Safe Routes to School programs under SAFETEA-LU.

The Transportation Alternatives Program (TAP) authorized under §1122 of MAP-21 (23 U.S.C. 213(b), 101(a)(29)) provides funding for programs and projects defined as transportation alternatives, including on-and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities, and environmental mitigation; recreational trail program projects; 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.

Fifty percent of the State's TAP apportionment(after deducting the set-aside for the Recreational Trails Program, if applicable) is suballocated to areas based on their relative share of the total State population, with the remaining 50 percent available for use in any area of the State.

TIGER (Transportation Investment Generating Economic Recovery) – Competitive discretionary grant funding for projects providing significant impacts to the nation, a region, or metropolitan area.

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

5307RR - FTA (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 - FTA (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 - FTA (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.

5316 (Job Access and Reverse Commute) – This program funds new or expanded transportation projects for low-income individuals who may live in the city core and work in suburban locations, or work non-traditional work schedules. Formula allocations are based on the number of low-income persons in the state and are apportioned to urban areas over 200,000 residents, urban areas under 200,000, and to the state for non-urban areas. SAFETEA-LU revised this program to allocate funds to the states on a formula basis instead of the discretionary program it was under TEA-21. The federal funds ratio is 50% for operating assistance and 80% for capital.

5317 (New Freedom Program) – This program aims to provide additional tools to overcome barriers for Americans with disabilities seeking integration into the workforce and full participation in society. This program was a SAFETEA-LU program and was consolidated with other programs under MAP-21. The Federal share of eligible capital and planning costs may not exceed 80%. The Federal share of the eligible operating costs may not exceed 50%.

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.