



State of Alaska

Department of Transportation & Public Facilities

2016-2019

Statewide Transportation Improvement Program (STIP)

Original STIP

Approved November 27, 2015



"Keep Alaska Moving through service and infrastructure."

Integrity · Excellence · Respect

How to Reach Us

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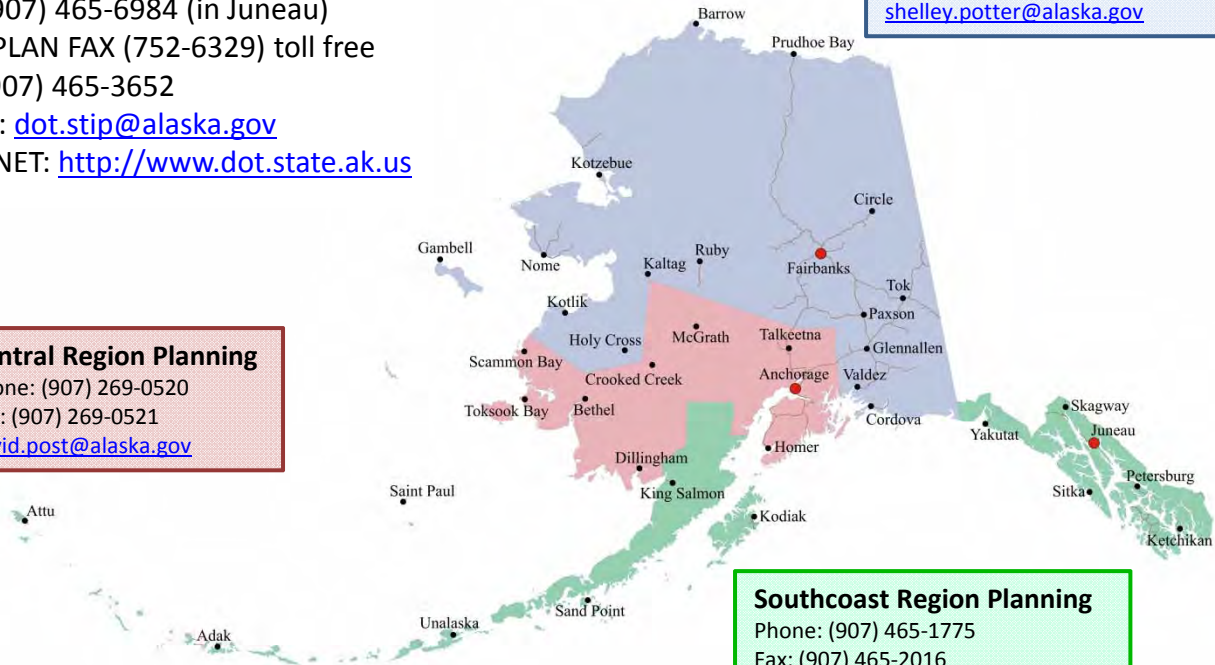
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November 27, 2015

Mr. Marc Luiken
Commissioner
Alaska Department of Transportation and Public Facilities (ADOT&PF)
P.O. Box 112500
Juneau, AK 99811-1125

In Reply Refer To:
PR 2-2

Subject: Approval of FY 2016-2019 STIP and Statewide Planning Finding

Dear Commissioner Luiken:

In accordance with 23 CFR 450.218, the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) have jointly reviewed the Alaska 2016-2019 Statewide Transportation Improvement Program (STIP), transmitted in your letter on September 29, 2015. As part of the STIP review and approval, FHWA and FTA also conducted a Statewide Planning Finding to determine that the process from which the STIP was developed is consistent with the provisions of 23 U.S.C. 134 and 135 and 49 U.S.C. 5303-5305.

In addition to the materials you submitted on September 29, the Alaska 2016-2019 STIP review also includes the AMATS Metropolitan Area Transportation Solutions (AMATS) 2015-2018 Transportation Improvement program (TIP), adopted on August 28, 2014 and the Fairbanks Metropolitan Area Transportation System (FMATS) 2015-2018 TIP, adopted on September 16, 2015. Both of these documents are included as part of the Alaska STIP (by reference) and, as such, must be included in each new STIP approval. The incorporation of the AMATS and FMATS TIPs also must include a demonstration of regional air quality conformity. These conformity determinations received federal approval on November 19, 2015.

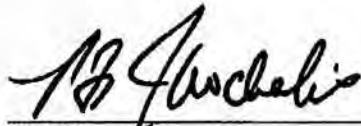
Based on our review, we find the 2016-2019 Alaska STIP meets the requirements of 23 U.S.C. 134 and 135, 49 U.S.C. 5303 - 5305, 23 CFR Part 450 and 49 CFR Part 613, subject to the process improvements identified as part of the Statewide Planning Finding in Attachment A.

If you have any questions, 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



R.F. Krochalis
Regional Administrator
Federal Transit Administration

cc: Mike Vigue, ADOT&PF, Director, Division of Program Development
Shelia Good, ADOT&PF
Maren Brantner, ADOT&PF
Craig Lyon, AMATS Coordinator
Donna Gardino, FMATS Coordinator

Attachment A

2015 Statewide Planning Finding

Alaska Department of Transportation and Public Facilities (ADOT&PF)

Previous 2012 Alaska Statewide Planning Finding

The 2012 Alaska Statewide Planning Finding (February 9, 2012) included the following recommended process improvements: 1) continue to expand implementation of electronic STIP improvements, 2) take steps to further balance State transportation needs and priorities with financial resources available, 3) develop a regular STIP revision schedule to better integrate STIP programming and project delivery, and 4) utilize asset management and results based alignment as part of system-wide maintenance and operation funding analysis. FHWA and FTA find that progress has been made in each of the areas and would recommend continued improvements as needed.

Current 2015 Alaska Statewide Planning Finding

1. Metropolitan Transportation Planning Processes

ADOT&PF is actively involved in the planning efforts of both the FMATS and AMATS metropolitan planning organizations. On August 20, 2015, FHWA and FTA jointly certified that the planning process conducted by AMATS meets the metropolitan transportation planning requirements of 23 CFR 450, Section 334(b)(i). The corrective actions from the 2012 certification review have been satisfactorily addressed, and there were no new corrective actions in 2015. Although federal planning certification review is not conducted with FMATS, FHWA and FTA are confident that FMATS meets all necessary planning requirements of small Metropolitan Planning Organizations (MPOs).

ADOT&PF does need to more clearly define their role in the federal approval actions associated with MPO activities. For example, Unified Planning Work Program (UPWP) approvals and air quality conformity findings should be reviewed and submitted by the State to FHWA and FTA rather than submitted by the MPO. Also, although TIPs are incorporated by reference, it is the State's responsibility to review each TIP to ensure that all federal requirements are met prior to any STIP approval action (including amendments). FHWA and FTA staff have initiated work with ADOT&PF staff to document the State's role in coordinating MPO planning activities that require federal approval.

2. Statewide Transportation Improvement Program (STIP)

As referenced above, ADOT&PF have made significant improvements to the STIP document and process over the past few years. In our review, however, FHWA/ FTA has identified additional areas for improvement. A draft STIP Management Agreement prepared by ADOT&PF, and under review by FHWA and FTA, will help clarify how these and other issues are addressed going forward.

- **Illustrative Projects** – Per 23 CFR 450.216, the STIP is allowed to include projects that do not have secure funding, but only for illustrative purposes. These projects are not considered to be part of the fiscally-constrained STIP. Projects on the illustrative list cannot be advanced to implementation without an action by FHWA and FTA. Therefore, projects identified with Illustrative (ILLU) funding

in the STIP should be clearly identified and are not part of the federally approved STIP.

- **TIPs by reference** – Per 23 CFR 450.216, each TIP must be included in the STIP, directly or by reference, after approval of the TIP by the MPO and the Governor. Alaska currently includes the AMATS and FMATS TIPs by reference. This does not change the overall federal approval requirements that TIP projects be approved as part of the STIP. Therefore, federal approval is required to include each new TIP and amendment as part of an existing STIP and existing TIPs must be submitted for approval as part of each new STIP. These federal approval actions have not always occurred in the past and will require closer coordination between MPOs and ADOT&PF. FHWA and FTA recommend that ADOT&PF and MPOs work together to coordinate STIP/TIP amendment approval actions to avoid project delays.
- **STIP Revisions** – Per 23 CFR 450.102, a STIP amendment involves a major revision to a STIP (and/or TIP) and requires federal approval. Administrative modifications are minor STIP revisions and do not require federal review or approval. Revised procedures are needed to clarify how revisions to the STIP are implemented and to define the appropriate federal and state approval actions.
- **STIP Submittal for Approval** – The September 29, 2015 submittal of the new/original 2016-2019 STIP was not complete. The STIP submitted for federal review and approval should include reference to all TIPs that are included and any associated air quality conformity finding(s). In addition, background information documenting how the STIP was prepared and how consultation requirements are addressed should be part of the submittal. The submittal can be prepared electronically and/ or via hard copy.

3. Non-Metropolitan Local Official Consultation Process

The State is required by 23 CFR 450.210(b) to have a documented process for consulting with non-metropolitan local officials representing units of general purpose local government throughout Alaska. The State is required to review the process at least once every five years and submit a documented process to FHWA and FTA. The previous non-metropolitan consultation process was submitted in March 2011 and the next submittal from ADOT&PF will be due in March 2016. FHWA and FTA encourage ADOT&PF to include a more thorough consideration of tribal governments and federal land management agencies in the updated process.

4. Self- Certification and ADA Transition Plan

The Alaska STIP transmittal letter certifies compliance with the Americans with Disabilities Act of 1990 (ADA) and Section 504 of the Rehabilitation Act of 1973. However, the ADA transition plan required by 28 CFR 35.150(d)(3) has not been submitted for federal approval and is overdue. FHWA and FTA note the lack of an approved ADA transition plan as of this date and request that it be submitted for federal approval no later than July 1, 2016.

5. State Long Range Transportation Plan (LRTP):

The last long-range statewide plan, *Let's Get Moving 2030*, was adopted in February 2008 in compliance with 23 CFR 450.214. There is no federal requirement for how often the plan must be updated but updates are encouraged on an as needed basis. The website for the long-range plan indicates that the update – *Let's Get Moving 2035* – was expected to be completed by May 2015. FHWA and FTA request that the plan update schedule be corrected and, although the plan does not require federal approval, that ADOT&PF coordinate with FHWA and FTA prior to adoption.

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 Municipal Harbor Facility Grant. Also, it is not required for the STIP to include wholly state-funded projects, or other projects that are not federally-funded in any way.

Overview

This document is the draft 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 in the geographic area of the project, 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>.

Moving Ahead for Progress in the 21st Century Act

On July 6, 2012, President Obama signed into law P.L. 112-141, the Moving Ahead for Progress in the 21st Century Act (MAP-21). MAP-21 created a streamlined, performance-based, and multimodal program to address the many challenges facing the U.S. transportation system. These challenges include improving safety, maintaining infrastructure condition, reducing traffic congestion, improving efficiency of the system and freight movement, protecting the environment, and reducing delays in project delivery.

MAP-21 built on and refined many of the highway, transit, bike, and pedestrian programs and policies established in 1991. MAP-21 expanded the National Highway System (NHS) to incorporate principal arterials not previously included. Accompanying the expansion of the NHS was an increase in Federal spending on the NHS, with more than half of highway funding going to the program devoted to preserving and improving these highways.

MAP-21 restructured core highway formula programs. Activities carried out under some existing formula programs – the National Highway System Program, the Interstate Maintenance Program and the Highway Bridge Program – are incorporated into the following new core formula program structure:

- National Highway Performance Program (NHPP)
- Surface Transportation Program (STP)
- Congestion Mitigation and Air Quality Improvement Program (CMAQ)
- Highway Safety Improvement Program (HSIP)
- Railway-Highway Crossings (set-aside from HSIP)
- Metropolitan Planning

It created two new formula programs:

- Construction of Ferry Boats and Ferry Terminal Facilities (FBF) – replaces a similarly purposed discretionary program.
- Transportation Alternatives (TA) – 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.

For more detailed information regarding MAP-21, please visit the web site:

<http://www.fhwa.dot.gov/map21/summaryinfo.cfm>

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 will 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 an exception is made for certain types of preventive maintenance.

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 Fairbanks/North Pole 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.

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 Original STIP; Approved November 27, 2015

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	3,200,000	0	0	0	
Construction	ACC	0	0	-3,200,000	0	
Construction	FBF	0	0	3,200,000	0	
Construction	SM	800,000	0	0	0	
Totals:		4,000,000	0	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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 Original STIP; Approved November 27, 2015

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	60,000	0	0	0	
Design	SM	15,000	0	0	0	
Construction	FBF	1,000,000	0	0	0	
Construction	SM	250,000	0	0	0	
Totals:		1,325,000	0	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
Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

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
Design	FBF	0	240,000	0	240,000	
Design	SM	0	60,000	0	60,000	
Totals:		0	300,000	0	300,000	0

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



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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
Planning	FBF	0	300,000	0	300,000	
Planning	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 Original STIP; Approved November 27, 2015

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	FBF	0	3,300,000	6,800,000	14,400,000	
Construction	SM	0	825,000	1,700,000	3,600,000	
Totals:		1,450,000	6,125,000	10,500,000	20,000,000	0

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 Original STIP; Approved November 27, 2015

Need ID: 18359

Title: Design/Construct/Lease/Purchase Ferryboats & 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
Multi-Phase Activity	FBF	0	4,400,000	4,400,000	4,400,000	
Multi-Phase Activity	SM	0	1,100,000	1,100,000	1,100,000	
Totals:		0	5,500,000	5,500,000	5,500,000	0

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 Original STIP; Approved November 27, 2015

Need ID: 30189

Title: AMHS Tustumena Replacement Vessel

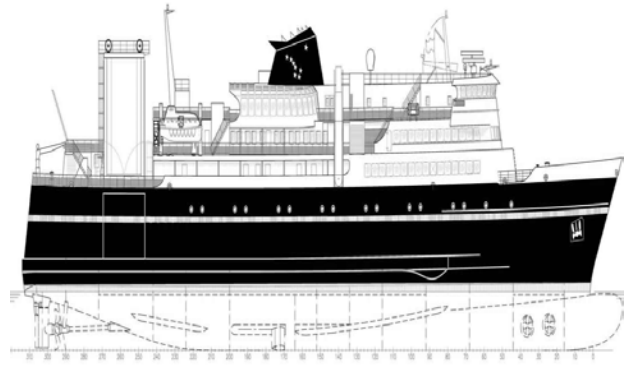
Region: Marine Highways

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
Totals:		0	0	0	0	0

<p>Program: <u>Alaska Highway System</u></p> <p>Primary Work: <u>Ferry Boats</u></p> <p>2013 Election District: <u>99 Statewide</u></p> <p>Borough/Census Area: <u>Various Boroughs</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 **Original STIP; Approved November 27, 2015**

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	8,000,000	0	0	0	
Construction	ACC	0	-8,000,000	0	0	
Construction	FBF	0	8,000,000	0	0	
Construction	SM	2,000,000	0	0	0	
Totals:		10,000,000	0	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	



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 Original STIP; Approved November 27, 2015

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
Planning	SM	9,030	0	0	0	
Planning	STP	90,970	0	0	0	
Totals:		100,000	0	0	0	0

Program: Alaska Highway System	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 Original STIP; Approved November 27, 2015

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	CMAQ	472,750	472,750	472,750	472,750	
Planning	PLNG	6,670,000	6,670,000	6,670,000	6,670,000	
Planning	SM	1,401,500	1,401,500	1,401,500	1,401,500	
Planning	STP	18,000	18,000	18,000	18,000	
Planning	URPL	187,750	187,750	187,750	187,750	
Totals:		8,750,000	8,750,000	8,750,000	8,750,000	0

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 Original STIP; Approved November 27, 2015

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	3,365,890	3,365,890	3,365,890	3,365,890	
Construction	SM	668,220	668,220	668,220	668,220	
Construction	STP	3,365,890	3,365,890	3,365,890	3,365,890	
Totals:		13,600,000	13,600,000	13,600,000	13,600,000	0

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 Original STIP; Approved November 27, 2015

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	3PF	183,650	183,650	183,650	183,650	
Planning	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	0

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
Original STIP; Approved November 27, 2015**

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
Planning	SA	576,000	477,000	477,000	477,000	
Planning	SM	64,000	53,000	53,000	53,000	
Totals:		640,000	530,000	530,000	530,000	0

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 Original STIP; Approved November 27, 2015

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
Design	NHPP	309,298	309,298	309,298	309,298	
Design	SM	61,404	61,404	61,404	61,404	
Design	STP	309,298	309,298	309,298	309,298	
Totals:		680,000	680,000	680,000	680,000	0

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 Original STIP; Approved November 27, 2015

Need ID: 6451

Title: Statewide Research Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

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



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Planning	RES	2,001,340	2,001,340	2,201,474	2,201,474	
Planning	SM	198,660	198,660	218,526	218,526	
Totals:		2,200,000	2,200,000	2,420,000	2,420,000	0

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
Original STIP; Approved November 27, 2015**

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
Planning	SM	31,605	31,605	31,605	31,605	
Planning	STP	318,395	318,395	318,395	318,395	
Totals:		350,000	350,000	350,000	350,000	0

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 **Original STIP; Approved November 27, 2015**

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
Planning	NHPP	227,425	227,425	227,425	227,425	
Planning	SM	45,150	45,150	45,150	45,150	
Planning	STP	227,425	227,425	227,425	227,425	
Totals:		500,000	500,000	500,000	500,000	0

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 **Original STIP; Approved November 27, 2015**

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) 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
Design	NHPP	90,972	90,972	90,972	90,972	
Design	SM	9,028	9,028	9,028	9,028	
Totals:		100,000	100,000	100,000	100,000	0

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 **Original STIP; Approved November 27, 2015**

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	0

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
Original STIP; Approved November 27, 2015**

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
Planning	DBE	225,000	225,000	225,000	225,000	
Planning	STP	175,000	175,000	175,000	175,000	
Totals:		400,000	400,000	400,000	400,000	0

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 **Original STIP; Approved November 27, 2015**

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	SM	45,150	45,150	45,150	45,150	
Multi-Phase Activity	STP	454,850	454,850	454,850	454,850	
Totals:		500,000	500,000	500,000	500,000	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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	0

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 Original STIP; Approved November 27, 2015

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	
Planning	NHPP	136,455	136,455	136,455	136,455	
Planning	SM	27,090	27,090	27,090	27,090	
Planning	STP	136,455	136,455	136,455	136,455	
Totals:		950,000	950,000	950,000	950,000	0

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 **Original STIP; Approved November 27, 2015**

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
Planning	STP	100,000	100,000	100,000	100,000	
Totals:		100,000	100,000	100,000	100,000	0

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 Original STIP; Approved November 27, 2015

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
Planning	S148	400,000	100,000	100,000	100,000	
Totals:		400,000	100,000	100,000	100,000	0

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 Original STIP; Approved November 27, 2015

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
Multi-Phase Activity	CMAQ	482,100	482,100	482,100	482,100	
Multi-Phase Activity	CMAQ-M	2,729,100	2,729,100	2,729,100	2,729,100	
Multi-Phase Activity	SM	318,800	318,800	318,800	318,800	
Totals:		3,530,000	3,530,000	3,530,000	3,530,000	0

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 Original STIP; Approved November 27, 2015

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
Multi-Phase Activity	3PF	134,834	119,834	119,834	119,834	
Multi-Phase Activity	5310	175,934	160,934	160,934	160,934	
Multi-Phase Activity	STP	363,400	318,400	318,400	318,400	
Totals:		674,168	599,168	599,168	599,168	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 Original STIP; Approved November 27, 2015

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
Multi-Phase Activity	3PF	5,200,000	3,444,571	3,444,571	3,444,571	
Multi-Phase Activity	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 **Original STIP; Approved November 27, 2015**

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	17,300,000	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:		88,109,993	89,509,993	89,509,993	89,509,993	0

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 **Original STIP; Approved November 27, 2015**

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
Multi-Phase Activity	3PF	210,002	0	0	0	
Multi-Phase Activity	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
Original STIP; Approved November 27, 2015**

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
Multi-Phase Activity	3PF	13,457	0	0	0	
Multi-Phase Activity	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
Original STIP; Approved November 27, 2015**

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 rail siding extensions along the rail belt such as Colorado, Saulich, Cantwell, Broad Pass, Clear, North Nenana, Dunbar, Crown Point. Includes stabilization projects and track raise projects in Milepost 52 area, MP56, and Healy Canyon. Includes shoulder widening and siding program.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	1,125,000	1,400,000	1,400,000	1,400,000	
Multi-Phase Activity	5307RR	1,650,000	2,400,000	2,400,000	2,400,000	
Multi-Phase Activity	5337GR	2,850,000	3,200,000	3,200,000	3,200,000	
Totals:		5,625,000	7,000,000	7,000,000	7,000,000	0

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
Original STIP; Approved November 27, 2015**

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	2,360,000	2,380,000	380,000	1,678,000	
Multi-Phase Activity	5307RR	3,080,000	3,120,000	3,120,000	3,120,000	
Multi-Phase Activity	5337GR	6,360,000	6,400,000	6,400,000	6,400,000	
Totals:		11,800,000	11,900,000	9,900,000	11,198,000	0

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
Original STIP; Approved November 27, 2015**

Need ID: 19664

Title: Positive Train Control (Collision Avoidance System)

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	600,000	600,000	600,000	600,000	
Multi-Phase Activity	5307RR	1,200,000	1,200,000	1,200,000	1,200,000	
Multi-Phase Activity	5337GR	1,200,000	1,200,000	1,200,000	1,200,000	
Totals:		3,000,000	3,000,000	3,000,000	3,000,000	0

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
Original STIP; Approved November 27, 2015**

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 CY 2006 and 2007. Capital Improvement Projects include track rehabilitation, collision avoidance system, passenger rolling stock, Anchorage car shop design, and Moody Tunnel.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	3,323,393	3,318,440	3,305,136	3,310,395	
Multi-Phase Activity	5307RR	5,280,000	5,400,000	5,600,000	5,360,000	
Multi-Phase Activity	5337GR	8,013,573	7,833,758	7,620,545	7,881,581	
Totals:		16,616,966	16,552,198	16,525,681	16,551,976	0

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 Original STIP; Approved November 27, 2015

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
Multi-Phase Activity	AC	1,091,640	0	0	1,091,640	
Multi-Phase Activity	ACC	0	-545,820	-545,820	0	
Multi-Phase Activity	SM	162,540	0	0	162,540	
Multi-Phase Activity	STP	545,820	545,820	545,820	545,820	
Totals:		1,800,000	0	0	1,800,000	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 20854

Title: Passenger Equipment

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Passenger equipment acquisition and necessary associated rehabilitation.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	100,000	100,000	100,000	100,000	
Multi-Phase Activity	5307RR	400,000	400,000	400,000	400,000	
Totals:		500,000	500,000	500,000	500,000	0

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 **Original STIP; Approved November 27, 2015**

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	48,000	48,000	48,000	48,000	
Multi-Phase Activity	5307RR	192,000	192,000	192,000	192,000	
Totals:		240,000	240,000	240,000	240,000	0

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 **Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

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 Original STIP; Approved November 27, 2015

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
Planning	SM	13,545	0	0	0	
Planning	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 Original STIP; Approved November 27, 2015

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
Multi-Phase Activity	SM	0	0	45,150	0	
Multi-Phase Activity	STP	0	0	454,850	0	
Totals:		0	0	500,000	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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
Planning	NHPP	363,880	363,880	363,880	363,880	
Planning	SM	36,120	36,120	36,120	36,120	
Totals:		400,000	400,000	400,000	400,000	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
Original STIP; Approved November 27, 2015**

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
Planning	NHPP	409,365	409,365	409,365	409,365	
Planning	SM	40,635	40,635	40,635	40,635	
Totals:		450,000	450,000	450,000	450,000	0

Program: National 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

Original STIP; Approved November 27, 2015

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
Planning	NHPP	181,940	181,940	181,940	181,940	
Planning	SM	18,060	18,060	18,060	18,060	
Totals:		200,000	200,000	200,000	200,000	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 **Original STIP; Approved November 27, 2015**

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
Multi-Phase Activity	SM	27,090	22,575	22,575	22,575	
Multi-Phase Activity	STP	272,910	227,425	227,425	227,425	
Totals:		300,000	250,000	250,000	250,000	0

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

Original STIP; Approved November 27, 2015

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
Multi-Phase Activity	SM	72,240	63,210	63,210	63,210	
Multi-Phase Activity	STP	727,760	636,790	636,790	636,790	
Totals:		800,000	700,000	700,000	700,000	0

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 Original STIP; Approved November 27, 2015

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
Planning	NHPP	136,455	136,455	136,455	136,455	
Planning	SM	13,545	13,545	13,545	13,545	
Totals:		150,000	150,000	150,000	150,000	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 Original STIP; Approved November 27, 2015

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
Planning	NHPP	90,970	90,970	90,970	90,970	
Planning	SM	9,030	9,030	9,030	9,030	
Totals:		100,000	100,000	100,000	100,000	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 **Original STIP; Approved November 27, 2015**

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	0

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 Original STIP; Approved November 27, 2015

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
Multi-Phase Activity	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 **Original STIP; Approved November 27, 2015**

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
Planning	SM	4,515	4,515	4,515	4,515	
Planning	STP	45,485	45,485	45,485	45,485	
Totals:		50,000	50,000	50,000	50,000	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): not identified	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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
Planning	NHPP	363,880	272,910	272,910	272,910	
Planning	SM	36,120	27,090	27,090	27,090	
Totals:		400,000	300,000	300,000	300,000	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): not identified	



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

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
Planning	SM	2,257	2,257	2,257	2,257	
Planning	STP	22,743	22,743	22,743	22,743	
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): not identified	



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

Need ID: 28689

Title: Traffic Safety Corridor Enhanced Enforcement

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

Conduct enhanced law enforcement activity to reduce high severity crashes within and near designated Highway Safety Corridors and on other targeted roads. The project will be implemented via RSA grant funding between the state agencies of Departments of Transportation & Public Facilities and Public Safety.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	S148	3,400,000	0	0	0	
Totals:		3,400,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: -
Primary Work: Safety	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 Original STIP; Approved November 27, 2015

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
Planning	SM	25,284	15,803	15,803	0	
Planning	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 Original STIP; Approved November 27, 2015

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
Planning	SM	12,190	12,642	0	0	
Planning	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 Original STIP; Approved November 27, 2015

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
Planning	NHPP	541,800	541,800	541,800	541,800	
Planning	SM	58,200	58,200	58,200	58,200	
Totals:		600,000	600,000	600,000	600,000	0

Program: National Highway System	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 Original STIP; Approved November 27, 2015

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
Planning	SM	0	0	13,093	13,545	
Planning	STP	0	0	131,907	136,455	
Totals:		0	0	145,000	150,000	0

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



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

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
Planning	SM	20,317	20,317	20,317	0	
Planning	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	



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 Original STIP; Approved November 27, 2015

Need ID: 2186

Title: 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	SM	731,430	0	0	0	
Construction	STP	7,368,570	0	0	0	
Utilities	SM	36,120	0	0	0	
Utilities	STP	363,880	0	0	0	
Totals:		8,500,000	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 Original STIP; Approved November 27, 2015

Need ID: 6460

Title: AMATS CTP Program Allocation

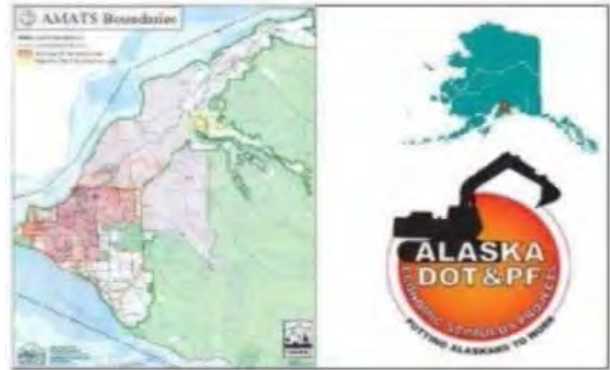
Region: Central

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	1,401,693	1,401,693	1,401,693	1,401,693	
Multi-Phase Activity	SM	741,568	741,568	741,568	741,568	
Multi-Phase Activity	STP	21,591,640	21,591,640	21,591,640	21,591,640	
Totals:		23,734,901	23,734,901	23,734,901	23,734,901	0

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 **Original STIP; Approved November 27, 2015**

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
Multi-Phase Activity	CMAQ-M	1,091,640	1,091,640	1,091,640	1,091,640	
Multi-Phase Activity	SM	108,360	108,360	108,360	108,360	
Totals:		1,200,000	1,200,000	1,200,000	1,200,000	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

Need ID: 12640

Title: 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
Right of Way	NHPP	454,900	0	0	0	
Right of Way	SM	45,100	0	0	0	
Construction	AC	0	0	18,194,000	0	
Construction	ACC	0	0	0	-18,194,000	
Construction	NHPP	0	0	0	18,194,000	
Construction	SM	0	0	1,806,000	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:		500,000	0	20,500,000	0	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 12641

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

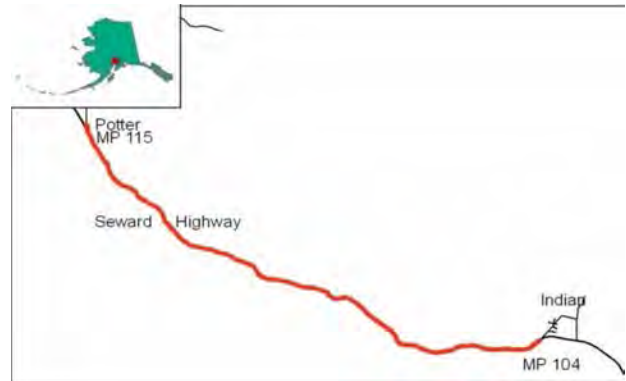
Region: Central

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
Construction	AC	0	27,291,000	0	0	
Construction	ACC	0	0	-13,645,500	-13,645,500	
Construction	BOND	0	20,000,000	0	0	
Construction	NHPP	0	0	13,645,500	13,645,500	
Construction	OSF	0	18,050,000	0	0	
Construction	SM	0	2,709,000	0	0	
Utilities	AC	0	454,850	0	0	
Utilities	ACC	0	0	-454,850	0	
Utilities	NHPP	0	0	454,850	0	
Utilities	SM	0	45,150	0	0	
Totals:		0	68,550,000	0	0	0

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 Original STIP; Approved November 27, 2015

Need ID: 20255

Title: Knik Arm Crossing Anchorage Access Connections

Region: Central

Place Name: Anchorage

Highway:

Project Description:

Design and construct approximately 2.5 miles of roadway behind the Port of Anchorage from the northern terminus of the planned port expansion south through Government Hill and connecting to the A/C couplet to serve as an alternative access to the port and a primary access to the planned Knik Arm Crossing. This is project 3 of 3 supporting the EIS known as the Knik Arm Crossing. See need ID 20254 (completed) and 20256. ERMK funding: \$1,807,103



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	BOND	0	0	62,160,561	0	
Construction	ILLU	0	0	151,792,888	0	
Construction	OSF	0	0	1,228,100	0	
Construction	SM	0	0	14,204	0	
Utilities	ILLU	0	0	1,664,010	0	
Utilities	SM	0	0	165,175	0	
Totals:		0	0	217,024,938	0	0

Program: National Highway System	Sponsor: KABATA
Primary Work: New Construction	PEB Score:
2013 Election District: 50 Anchorage Area-wide	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class:
Municipal Planning Org. (MPO): AMATS	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

Need ID: 20256

Title: Knik Arm Crossing Toll Financed Bridge Facilities

Region: Central

Place Name: Anchorage

Highway:

Project Description:

Design and construct a bridge across Knik Arm between Anchorage and the Mat-Su Borough and a connecting roadway between the northern terminus of the planned Port of Anchorage expansion and the bridge, and a connecting roadway between the Point Mackenzie Road and the bridge. This is project 2 of 3 supporting the EIS known as the Knik Arm Crossing. See need ID 20254 (completed) and 20255. EMRK funding \$15,415,574



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	BOND	0	0	190,915,578	0	
Construction	ILLU	0	0	466,206,008	0	
Construction	OSF	0	0	3,771,900	0	
Construction	SM	0	0	43,625	0	
Utilities	ILLU	0	0	14,976,087	0	
Utilities	SM	0	0	1,486,579	0	
Totals:		0	0	677,399,777	0	0

Program: National Highway System	Sponsor: KABATA
Primary Work: New Bridge Access	PEB Score:
2013 Election District: 50 Anchorage Area-wide	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class:
Municipal Planning Org. (MPO): AMATS	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

Need ID: 26793

Title: 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
Design	ILLU	0	0	5,458,200	0	
Design	SM	0	0	541,800	0	
Totals:		0	0	6,000,000	0	0

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 **Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

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	AC	32,985,000	0	0	0	
Construction	ACC	0	-32,985,000	0	0	
Construction	BOND	12,500,000	0	0	0	
Construction	NHPP	0	32,985,000	0	0	
Utilities	AC	2,729,100	0	0	0	
Utilities	ACC	0	-2,729,100	0	0	
Utilities	NHPP	0	2,729,100	0	0	
Utilities	SM	246,438	0	0	0	
Totals:		48,460,538	0	0	0	0

Program: Required programs and Preventive Maintenance	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 Original STIP; Approved November 27, 2015

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 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	NHPP	8,323,755	8,323,755	8,323,755	8,323,755	
Multi-Phase Activity	SM	826,245	826,245	826,245	826,245	
Totals:		9,150,000	9,150,000	9,150,000	9,150,000	0

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



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

Need ID: 29729

Title: Seward Highway: Dimond Boulevard to Dowling Road Rehabilitation

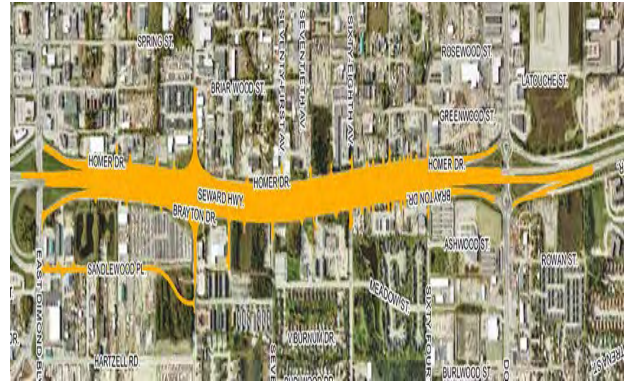
Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Project will add lanes to the Seward Highway and connect Sandlewood Drive with Lore Road.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	67,126,763	0	0	0	
Construction	SM	6,663,237	0	0	0	
Utilities	NHPP	3,638,800	0	0	0	
Utilities	SM	361,200	0	0	0	
Totals:		77,790,000	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 Original STIP; Approved November 27, 2015

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
Right of Way	NHPP	6,367,900	0	0	0	
Right of Way	SM	632,100	0	0	0	
Totals:		7,000,000	0	0	0	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 29731

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

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

The first phase of this project will construct an additional southbound lane on the Seward Highway from Dimond Boulevard to O'Malley Road including highway ramps and a new 92nd Avenue connection to the Old Seward Highway. 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).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	AC	0	14,594,000	0	0	
Right of Way	ACC	0	0	0	-14,594,000	
Right of Way	NHPP	0	3,600,000	0	14,594,000	
Right of Way	SM	0	1,806,000	0	0	
Totals:		0	20,000,000	0	0	0

Program:	National Highway System	Sponsor:	
Primary Work:	Reconstruction	PEB Score:	
2013 Election District:	50 Anchorage Areawide	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
Original STIP; Approved November 27, 2015**

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
Construction	AC	0	0	18,194,000	0	
Construction	ACC	0	0	0	-18,194,000	
Construction	BOND	0	0	26,000,000	0	
Construction	NHPP	0	0	0	18,194,000	
Construction	OSF	0	0	8,000,000	0	
Construction	SM	0	0	1,806,000	0	
Utilities	AC	0	0	1,819,400	0	
Utilities	ACC	0	0	0	-1,819,400	
Utilities	NHPP	0	0	0	1,819,400	
Utilities	SM	0	0	180,600	0	
Totals:		0	0	56,000,000	0	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 2231

Title: 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
Construction	ILLU	0	0	3,456,860	0	
Construction	SM	0	0	343,140	0	
Utilities	ILLU	0	0	90,970	0	
Utilities	SM	0	0	9,030	0	
Totals:		0	0	3,900,000	0	0

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
Original STIP; Approved November 27, 2015**

Need ID: 23335

Title: 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
Construction	HPRL	0	447,293	0	0	
Construction	ILLU	0	2,827,627	0	0	
Construction	SM	0	325,080	0	0	
Utilities	ILLU	0	272,910	0	0	
Utilities	SM	0	27,090	0	0	
Totals:		0	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 **Original STIP; Approved November 27, 2015**

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	29,461	0	0	0	
Construction	5309BU	132,645	0	0	0	
Totals:		162,106	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 **Original STIP; Approved November 27, 2015**

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	5,418	4,515	9,030	9,030	
Design	STP	54,582	45,485	90,970	90,970	
Construction	SM	34,314	22,575	45,150	45,150	
Construction	STP	345,686	227,425	454,850	454,850	
Totals:		440,000	300,000	600,000	600,000	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 **Original STIP; Approved November 27, 2015**

Need ID: 2320

Title: 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	2,729,100	0	0	0	
Right of Way	SM	270,900	0	0	0	
Construction	NHPP	0	0	0	51,852,900	
Construction	SM	0	0	0	5,147,100	
Utilities	NHPP	0	0	0	909,700	
Utilities	SM	0	0	0	90,300	
Totals:		3,000,000	0	0	58,000,000	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: Matanuska - Susitna Borough	Functional Class: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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
Construction	ILLU	0	0	0	51,852,900	
Construction	SM	0	0	0	5,147,100	
Utilities	ILLU	0	0	0	636,790	
Utilities	SM	0	0	0	63,210	
Totals:		0	0	0	57,700,000	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 2620

Title: 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	1,819,400	0	0	0	
Design	SM	180,600	0	0	0	
Right of Way	NHPP	0	0	1,819,400	0	
Right of Way	SM	0	0	180,600	0	
Totals:		2,000,000	0	2,000,000	0	0

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 Original STIP; Approved November 27, 2015

Need ID: 2670

Title: 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	4,275,590	0	0	0	
Design	SM	424,410	0	0	0	
Right of Way	NHPP	591,305	0	0	0	
Right of Way	SM	58,695	0	0	0	
Construction	NHPP	0	0	50,274,570	0	
Construction	SM	0	0	4,990,430	0	
Utilities	NHPP	0	0	727,760	0	
Utilities	SM	0	0	72,240	0	
Totals:		5,350,000	0	56,065,000	0	0

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 **Original STIP; Approved November 27, 2015**

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	NHPP	0	20,013,400	0	0	
Design	SM	0	1,986,600	0	0	
Right of Way	NHPP	0	0	0	2,274,250	
Right of Way	SM	0	0	0	225,750	
Totals:		0	22,000,000	0	2,500,000	0

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
Original STIP; Approved November 27, 2015**

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
Planning	SA	607,500	607,500	607,500	607,500	
Planning	SM	67,500	67,500	67,500	67,500	
Totals:		675,000	675,000	675,000	675,000	0

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 Original STIP; Approved November 27, 2015

Need ID: 11925

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

Region: Central

Place Name: Central Region

Highway: Seward Highway

Project Description:

Rehabilitate pavement and rehabilitate or replace the following bridges: Placer River Overflow #0627, Placer River Main Cross #0629, Portage Creek #0630 & 0631, 20 Mile River #0634, Peterson Creek #0636, Virgin Creek #0638, and Glacier Creek #0639. Project may include road realignment, grade separations at Portage Valley road and the Alyeska Highway, passing lanes, and pedestrian accommodations, including improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	140,093,800	0	0	0	
Construction	ACC	0	-75,242,959	-40,894,783	-23,956,058	
Construction	NHPP	0	75,242,959	40,894,783	23,956,058	
Construction	SM	13,906,200	0	0	0	
Utilities	AC	2,274,250	0	0	0	
Utilities	ACC	0	-758,084	0	-379,042	
Utilities	NHPP	0	758,084	0	379,042	
Utilities	SM	225,750	0	0	0	
Totals:		156,500,000	0	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

Need ID: 11959

Title: 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
Construction	ILLU	0	0	67,984,552	0	
Construction	SM	0	0	4,804,048	0	
Utilities	ILLU	0	0	8,592,800	0	
Utilities	SM	0	0	607,200	0	
Totals:		0	0	81,988,600	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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	NHPP	18,194,000	18,194,000	18,194,000	18,194,000	
Multi-Phase Activity	SM	3,612,000	3,612,000	3,612,000	3,612,000	
Multi-Phase Activity	STP	18,194,000	18,194,000	18,194,000	18,194,000	
Totals:		40,000,000	40,000,000	40,000,000	40,000,000	0

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

Original STIP; Approved November 27, 2015

Need ID: 28089

Title: Glenn Highway: MP 66.5 to 92 Rehabilitation

Region: Central

Place Name: Central Region

Highway: Glenn Highway

Project Description:

Rehabilitate the Glenn Highway from King River (MP 66.5) to Cascade (MP 92) to preserve and extend the service life of the highway, enhance safety, and evaluate the need for climbing lanes and passing lanes. Chickaloon River Bridge 545 is being constructed in advance under Need ID 29433. Further segment specific highway project work is being phased under separate projects (Need ID's 29929, 29930, 29931)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	NHPP	934,000	0	0	0	
Right of Way	SM	66,000	0	0	0	
Totals:		1,000,000	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 **Original STIP; Approved November 27, 2015**

Need ID: 29929

Title: Glenn Highway Rehabilitation East Chickaloon Grade

Section: MP 78 to 79

Region: Central

Place Name: Chickaloon

Highway: Glenn Highway

Project Description:

Realign highway to improve curves, construct rockfall ditches, and match the new location of the bridge over the Chickaloon River. (Due to necessary ROW acquisition, could not be delivered with project to replace bridge over Chickaloon River). Project design efforts begun under parent project Need ID 28089.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ILLU	0	31,930,470	0	0	
Construction	SM	0	3,169,530	0	0	
Utilities	ILLU	0	272,910	0	0	
Utilities	SM	0	27,090	0	0	
Totals:		0	35,400,000	0	0	0

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): not identified	



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

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	1,455,520	0	0	
Right of Way	SM	0	144,480	0	0	
Construction	AC	0	0	39,026,130	0	
Construction	ACC	0	0	0	-39,026,130	
Construction	NHPP	0	0	39,026,130	39,026,130	
Construction	SM	0	0	7,747,740	0	
Utilities	AC	0	0	454,850	0	
Utilities	ACC	0	0	0	-454,850	
Utilities	NHPP	0	0	454,850	454,850	
Utilities	SM	0	0	90,300	0	
Totals:		0	1,600,000	86,800,000	0	0

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
Original STIP; Approved November 27, 2015**

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	AC	0	0	2,428,400	0	
Design	SM	0	0	171,600	0	
Right of Way	NHPP	0	0	0	934,626	
Right of Way	SM	0	0	0	92,774	
Totals:		0	0	2,600,000	1,027,400	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 16030

Title: Downtown Streets Reconstruction & Rehab

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	SM	637,428	0	0	0	
Construction	STP	6,421,572	0	0	0	
Utilities	SM	27,180	0	0	0	
Utilities	STP	273,820	0	0	0	
Totals:		7,360,000	0	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
Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

Need ID: 23178

Title: Pioneer Avenue Rehabilitation

Region: Central

Place Name: Homer

Highway:

Project Description:

Resurface approximately 1 mile of Pioneer Avenue from the Sterling Highway to the intersection of Lake Street and East End Road. Project may include bike lanes, drainage, lighting, curb and gutter and sidewalk construction and landscaping. All work is intended to be limited to that which can be accommodated within the existing ROW.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	SM	13,545	0	0	0	
Right of Way	STP	136,455	0	0	0	
Construction	SM	0	361,200	0	0	
Construction	STP	0	3,638,800	0	0	
Utilities	SM	0	13,545	0	0	
Utilities	STP	0	136,455	0	0	
Totals:		150,000	4,150,000	0	0	0

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



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

Need ID: 23197

Title: 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	29,899	0	0	0	
Right of Way	STP	301,111	0	0	0	
Construction	SM	0	0	451,500	0	
Construction	STP	0	0	4,548,500	0	
Utilities	SM	0	0	40,635	0	
Utilities	STP	0	0	409,365	0	
Totals:		331,010	0	5,450,000	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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 Original STIP; Approved November 27, 2015

Need ID: 23207

Title: 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	SM	0	72,240	0	0	
Right of Way	STP	0	727,760	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	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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
Construction	SM	63,210	0	0	0	
Construction	STP	636,790	0	0	0	
Totals:		700,000	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
Original STIP; Approved November 27, 2015**

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
Construction	NHPP	0	7,277,600	0	0	
Construction	SM	0	722,400	0	0	
Utilities	NHPP	0	22,743	0	0	
Utilities	SM	0	2,257	0	0	
Totals:		0	8,025,000	0	0	0

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
Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

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
Multi-Phase Activity	3PF	500,000	0	0	0	
Multi-Phase Activity	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 **Original STIP; Approved November 27, 2015**

Need ID: 11921

Title: 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	NHPP	63,679,000	0	0	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 **Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

Need ID: 26113

Title: Kalifornsky Beach Road MP 16-22.2, Paving Rehab & 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 **Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

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	AC	0	0	5,458,200	0	
Design	NHPP	2,274,250	0	0	0	
Design	SM	225,750	0	541,800	0	
Totals:		2,500,000	0	6,000,000	0	0

Program: National Highway System	Sponsor:
Primary Work: System Preservation	PEB Score:
2013 Election District: 34 Mendenhall Valley	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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	22,743	22,743	22,743	22,743	
Multi-Phase Activity	SM	2,257	2,257	2,257	2,257	
Totals:		25,000	25,000	25,000	25,000	0

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
Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

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



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

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
Right of Way	SM	18,060	0	0	0	
Right of Way	STP	181,940	0	0	0	
Construction	SM	0	288,960	0	0	
Construction	STP	0	2,911,040	0	0	
Utilities	SM	0	13,545	0	0	
Utilities	STP	0	136,455	0	0	
Totals:		200,000	3,350,000	0	0	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

Original STIP; Approved November 27, 2015

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	ILLU	0	227,425	0	0	
Right of Way	SM	0	22,575	0	0	
Construction	ILLU	0	18,194,000	0	0	
Construction	SM	0	1,806,000	0	0	
Utilities	ILLU	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

Original STIP; Approved November 27, 2015

Need ID: 29117

Title: Parks Highway MP 99 to 123.5 - Resurfacing

Region: Central

Place Name: Trapper Creek

Highway: Parks Highway

Project Description:

Resurface the Parks Highway from MP 99 to 123.5 . Project is one of the construction phases of the parent project Need ID 28291



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	ILLU	4,548	0	0	0	
Right of Way	SM	452	0	0	0	
Construction	ILLU	31,839,500	0	0	0	
Construction	SM	3,160,500	0	0	0	
Utilities	ILLU	682,275	0	0	0	
Utilities	SM	67,725	0	0	0	
Totals:		35,755,000	0	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
Original STIP; Approved November 27, 2015**

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 installations, 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 Original STIP; Approved November 27, 2015

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	9,340,000	0	0	
Construction	SM	0	660,000	0	0	
Utilities	NHPP	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:	50 Anchorage Areawide	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 **Original STIP; Approved November 27, 2015**

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	ILLU	0	9,097	0	0	
Right of Way	SM	0	903	0	0	
Construction	ILLU	0	18,194,000	0	0	
Construction	SM	0	1,806,000	0	0	
Utilities	ILLU	0	9,097	0	0	
Utilities	SM	0	903	0	0	
Totals:		0	20,020,000	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
Original STIP; Approved November 27, 2015**

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
Construction	ILLU	0	40,026,800	0	0	
Construction	SM	0	3,973,200	0	0	
Utilities	ILLU	0	3,365,890	0	0	
Utilities	SM	0	334,110	0	0	
Totals:		0	47,700,000	0	0	0

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 **Original STIP; Approved November 27, 2015**

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

Original STIP; Approved November 27, 2015

Need ID: 2481

Title: Seward Meridian Rd. Improvements

Region: Central

Place Name: Wasilla

Highway:

Project Description:

Upgrade Seward Meridian Road to four lanes, a center turn lane, and a pathway from Parks Highway to Seldon Road. Intersection improvements will be needed at the Palmer-Wasilla Highway, Bogard Road and Seldon Road. Project to be developed in two phases: Parks Highway to Palmer-Wasilla Highway
Palmer-Wasilla Highway to Seldon



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Right of Way	SM	264,128	0	0	0	
Right of Way	STP	2,660,872	0	0	0	
Construction	AC	0	0	22,469,590	0	
Construction	SM	0	0	2,230,410	0	
Utilities	AC	0	0	1,439,145	0	
Utilities	ACC	0	0	0	-1,439,145	
Utilities	SM	0	0	142,855	0	
Utilities	STP	0	0	0	1,439,145	
Totals:		2,925,000	0	26,282,000	0	0

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 **Original STIP; Approved November 27, 2015**

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	5,185,290	0	0	0	
Right of Way	SM	514,770	0	0	0	
Construction	NHPP	0	0	9,369,910	0	
Construction	SM	0	0	930,090	0	
Utilities	NHPP	0	0	1,364,550	0	
Utilities	SM	0	0	135,450	0	
Totals:		5,700,060	0	11,800,000	0	0

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
Original STIP; Approved November 27, 2015**

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
Construction	BOND	15,000,000	0	0	0	
Construction	OSF	15,000,000	0	0	0	
Utilities	OSF	4,400,000	0	0	0	
Totals:		34,400,000	0	0	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 Original STIP; Approved November 27, 2015

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
Right of Way	NHPP	5,913,050	0	0	0	
Right of Way	SM	586,950	0	0	0	
Construction	NHPP	0	0	0	49,578,650	
Construction	SM	0	0	0	4,921,350	
Utilities	AC	0	0	0	8,369,240	
Utilities	SM	0	0	0	830,760	
Totals:		6,500,000	0	0	63,700,000	0

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 **Original STIP; Approved November 27, 2015**

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	0

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
Original STIP; Approved November 27, 2015

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 **Original STIP; Approved November 27, 2015**

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	ILLU	363,880	0	0	0	
Design	SM	36,120	0	0	0	
Right of Way	ILLU	27,291	0	0	0	
Right of Way	SM	2,709	0	0	0	
Construction	ILLU	22,742,500	0	0	0	
Construction	SM	2,257,500	0	0	0	
Utilities	ILLU	54,582	0	0	0	
Utilities	SM	5,418	0	0	0	
Totals:		25,490,000	0	0	0	0

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 **Original STIP; Approved November 27, 2015**

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	E330	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	



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) 451-2388 Email: shelley.potter@alaska.gov

2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

Need ID: 16177
Title: 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
Right of Way	3PF	2,257	0	0	0	
Right of Way	AC	45,485	0	0	0	
Right of Way	ACC	0	-45,485	0	0	
Right of Way	SM	2,258	0	0	0	
Right of Way	STP	0	45,485	0	0	
Construction	3PF	0	0	0	347,655	
Construction	AC	0	0	0	7,004,690	
Construction	SM	0	0	0	347,655	
Utilities	3PF	60,952	0	0	0	
Utilities	AC	1,228,095	0	0	0	
Utilities	ACC	0	-1,228,095	0	0	
Utilities	SM	60,953	0	0	0	
Utilities	STP	0	1,228,095	0	0	
Totals:		1,400,000	0	0	7,700,000	0

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 **Original STIP; Approved November 27, 2015**

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	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 6032

Title: 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	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 6617

Title: Shepard Point Road

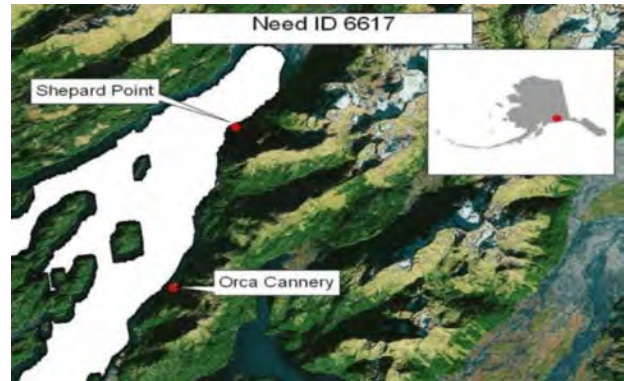
Region: Northern

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	SM	496,317	0	0	0	
Construction	STP	5,000,000	0	0	0	
Totals:		5,496,317	0	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

Need ID: 27049

Title: Whitshed Road Bike and Pedestrian Path

Region: Northern

Place Name: Cordova

Highway:

Project Description:

Realign Whitshed Road to accomodate non-motorized traffic from the Copper River Highway intersection approximately .75 miles to the Orca Inlet Drive intersection.



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	27,767	0	0	
Right of Way	SM	0	27,767	0	0	
Right of Way	STP	0	559,466	0	0	
Construction	3PF	0	0	333,298	0	
Construction	SM	0	0	333,297	0	
Construction	STP	0	0	6,715,405	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	1,215,000	7,382,000	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
Original STIP; Approved November 27, 2015**

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	ILLU	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 Original STIP; Approved November 27, 2015

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. (Also associated with NID 29811.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ILLU	0	0	0	23,350,000	
Construction	SM	0	0	0	1,650,000	
Totals:		0	0	0	25,000,000	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: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

Need ID: 2130

Title: 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	NHPP	0	18,479,190	0	0	
Construction	SM	0	1,305,810	0	0	
Totals:		0	19,785,000	0	0	0

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 **Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

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	ILLU	0	626,237	0	0	
Design	SM	0	62,163	0	0	
Right of Way	ILLU	0	0	1,137,125	0	
Right of Way	SM	0	0	112,875	0	
Utilities	ILLU	0	682,275	0	0	
Utilities	SM	0	67,725	0	0	
Totals:		0	1,438,400	1,250,000	0	0

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 **Original STIP; Approved November 27, 2015**

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
Right of Way	SM	9,030	0	0	0	
Right of Way	STP	90,970	0	0	0	
Construction	SM	0	0	812,700	0	
Construction	STP	0	0	8,187,300	0	
Totals:		100,000	0	9,000,000	0	0

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 **Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

Need ID: 17662

Title: FMATS CTP Program Allocation

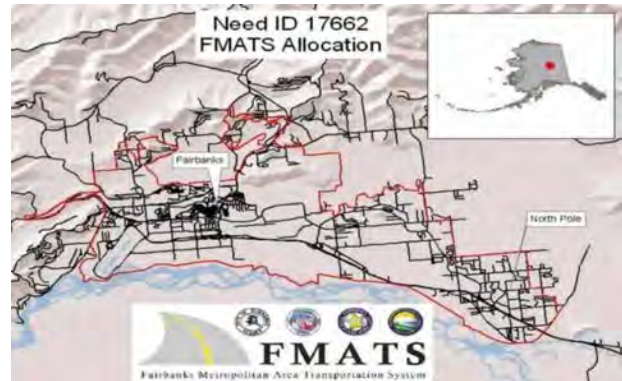
Region: Northern

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	SM	364,517	364,517	364,517	364,517	
Multi-Phase Activity	STP	7,344,444	7,344,444	7,344,444	7,344,444	
Totals:		8,073,478	8,073,478	8,073,478	8,073,478	0

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	

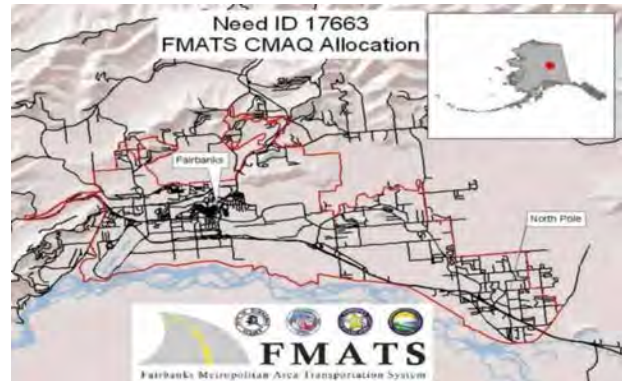


2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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	0

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 **Original STIP; Approved November 27, 2015**

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	NHPP	0	11,703,291	0	0	
Construction	SM	0	1,161,709	0	0	
Totals:		0	12,865,000	0	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 **Original STIP; Approved November 27, 2015**

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	0	55,986	27,090	
Design	STP	0	0	564,014	272,910	
Totals:		0	0	620,000	300,000	0

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 293
2013 Election District:	Criteria: Urban and Rural
Borough/Census Area: Fairbanks North Star Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

Need ID: 26076

Title: Aurora Drive-Noyes Slough Bridge (#0209) Rehabilitation or Replacement

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Rehabilitate or replace bridge #209 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	
Construction	ILLU	0	0	0	6,822,750	
Construction	SM	0	0	0	677,250	
Totals:		500,000	250,000	250,000	7,500,000	0

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



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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	0	57,792	18,060	
Design	STP	0	0	582,208	181,940	
Totals:		0	0	640,000	200,000	0

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 Original STIP; Approved November 27, 2015

Need ID: 26161

Title: Fairbanks Air Quality Planning Project

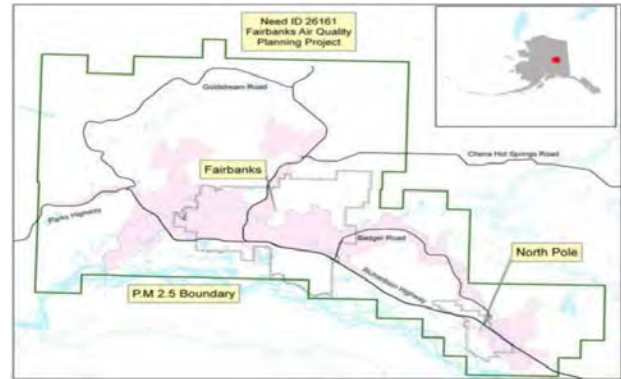
Region: Northern

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
Planning	CMAQ	72,776	72,776	72,776	72,776	
Planning	SM	7,224	7,224	7,224	7,224	
Totals:		80,000	80,000	80,000	80,000	0

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 **Original STIP; Approved November 27, 2015**

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	0	0	1,000,670	
Design	SM	0	0	0	99,330	
Totals:		0	0	0	1,100,000	0

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 Original STIP; Approved November 27, 2015

Need ID: 28069

Title: 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
Design	ILLU	0	0	0	1,401,000	
Design	SM	0	0	0	99,000	
Right of Way	ILLU	0	0	0	467,000	
Right of Way	SM	0	0	0	33,000	
Utilities	ILLU	0	0	0	3,736,000	
Utilities	SM	0	0	0	264,000	
Totals:		0	0	0	6,000,000	0

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 **Original STIP; Approved November 27, 2015**

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	0

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 Original STIP; Approved November 27, 2015

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	13,545	0	0	0	
Design	STP	136,455	0	0	0	
Construction	ILLU	0	4,548,500	0	0	
Construction	SM	0	451,500	0	0	
Totals:		150,000	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 Original STIP; Approved November 27, 2015

Need ID: 29655

Title: University Ave Rehabilitation: Thomas St to Chena River
(Segment I)

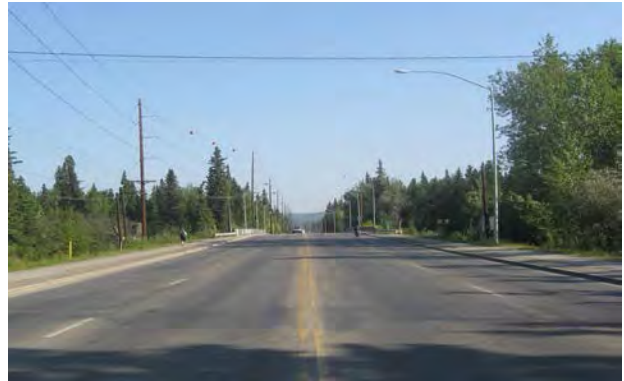
Region: Northern

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	BOND	0	0	14,800,000	0	
Construction	ILLU	0	0	11,098,340	0	
Construction	SM	0	0	1,101,660	0	
Totals:		0	0	27,000,000	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 Original STIP; Approved November 27, 2015

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
Construction	ILLU	0	0	0	13,645,500	
Construction	SM	0	0	0	1,354,500	
Totals:		0	0	0	15,000,000	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 **Original STIP; Approved November 27, 2015**

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	909,700	0	0	
Design	SM	0	90,300	0	0	
Right of Way	NHPP	0	1,819,400	0	0	
Right of Way	SM	0	180,600	0	0	
Utilities	NHPP	0	909,700	0	0	
Utilities	SM	0	90,300	0	0	
Totals:		0	4,000,000	0	0	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 29881
Title: Airport Way Drainage
Region: Northern
Place Name: Fairbanks
Highway: N/A

Project Description:
 Airport Way drainage improvements.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	0	1,046,155	227,425	
Design	SM	0	0	103,845	22,575	
Totals:		0	0	1,150,000	250,000	0

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 **Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

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
Construction	NHPP	591,305	0	0	0	
Construction	SM	58,695	0	0	0	
Totals:		650,000	0	0	0	0

Program: National Highway System	Sponsor:
Primary Work: New Construction	PEB Score:
2013 Election District: 4 Western Fairbanks	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

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	1,868,000	0	0	0	
Design	SM	132,000	0	0	0	
Construction	AC	0	0	0	45,485,000	
Construction	SM	0	0	0	4,515,000	
Utilities	NHPP	0	0	467,000	0	
Utilities	SM	0	0	33,000	0	
Totals:		2,000,000	0	500,000	50,000,000	0

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 Original STIP; Approved November 27, 2015

Need ID: 18634
Title: Cape Blossom Road
Region: Northern
Place Name: Kotzebue
Highway:

Project Description:
Construct a new road from Kotzebue to a port site near Cape Blossom. HPRM funding: \$1,860,502



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	0	0	13,070,200	0	
Construction	ILLU	0	0	30,929,800	0	
Totals:		0	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
Original STIP; Approved November 27, 2015**

Need ID: 3885

Title: 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	0

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
Original STIP; Approved November 27, 2015**

Need ID: 22335

Title: Parks Highway MP 305-325 Reconstruction

Region: Northern

Place Name: Nenana

Highway: Parks Highway

Project Description:

Reconstruct the Parks Highway between MP 305 and 325.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	0	934,000	0	0	
Design	SM	0	66,000	0	0	
Right of Way	NHPP	0	0	934,000	0	
Right of Way	SM	0	0	66,000	0	
Utilities	NHPP	0	0	467,000	0	
Utilities	SM	0	0	33,000	0	
Totals:		0	1,000,000	1,500,000	0	0

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 **Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

Need ID: 26057

Title: 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	
Construction	3PF	0	0	286,702	0	
Construction	ILLU	0	0	5,776,595	0	
Construction	SM	0	0	286,703	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	6,350,000	0	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 26085

Title: 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	SM	0	270,900	0	0	
Utilities	STP	0	2,729,100	0	0	
Totals:		0	3,500,000	0	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: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

Need ID: 26155

Title: 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	40,635	0	0	0	
Design	STP	409,365	0	0	0	
Right of Way	SM	0	5,418	0	0	
Right of Way	STP	0	54,582	0	0	
Construction	SM	0	0	307,020	0	
Construction	STP	0	0	3,092,980	0	
Utilities	SM	0	23,930	0	0	
Utilities	STP	0	241,070	0	0	
Totals:		450,000	325,000	3,400,000	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 **Original STIP; Approved November 27, 2015**

Need ID: 26156

Title: 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	0

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 **Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

Need ID: 2118

Title: MP 159 to167 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	0	34,113,750	0	
Construction	SM	0	0	3,386,250	0	
Totals:		0	0	37,500,000	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
Original STIP; Approved November 27, 2015**

Need ID: 2119

Title: 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	ILLU	0	0	0	27,291,000	
Construction	SM	0	0	0	2,709,000	
Totals:		500,000	0	0	30,000,000	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
Original STIP; Approved November 27, 2015**

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
Planning	SA	324,000	324,000	324,000	324,000	
Planning	SM	36,000	36,000	36,000	36,000	
Totals:		360,000	360,000	360,000	360,000	0

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 Original STIP; Approved November 27, 2015

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	0

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 Original STIP; Approved November 27, 2015

Need ID: 18923

Title: Pavement and Bridge Rehabilitation

Region: Northern

Place Name: Northern Region

Highway:

Project Description:

Crack sealing, surface treatment drainage, signage, guardrail, illumination and other refurbishments to prolong the life of road pavement and bridges and their safety related structures. Project includes NHS Lane Delineators, Destination & Distance Signing, Pavement Markings and Signalization, Abandoned Vehicle Program, Road Surfacing and Transfer and Road Surface Treatments.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	NHPP	27,291,000	27,291,000	27,291,000	27,291,000	
Multi-Phase Activity	SM	5,418,000	5,418,000	5,418,000	5,418,000	
Multi-Phase Activity	STP	27,291,000	27,291,000	27,291,000	27,291,000	
Totals:		60,000,000	60,000,000	60,000,000	60,000,000	0

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 **Original STIP; Approved November 27, 2015**

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.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	0	0	0	45,150	
Design	STP	0	0	0	454,850	
Totals:		0	0	0	500,000	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: Fairbanks North Star Borough	Functional Class: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

Need ID: 22298

Title: 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	11,114,600	0	0	0	
Construction	ACC	0	-11,114,600	0	0	
Construction	NHPP	0	11,114,600	0	0	
Construction	SM	785,400	0	0	0	
Totals:		12,275,000	0	0	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
Original STIP; Approved November 27, 2015**

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	1,868,000	0	0	
Design	SM	0	132,000	0	0	
Construction	ILLU	0	0	0	23,350,000	
Construction	SM	0	0	0	1,650,000	
Totals:		0	2,000,000	0	25,000,000	0

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 Original STIP; Approved November 27, 2015

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
Design	NHPP	0	1,868,000	0	0	
Design	SM	0	132,000	0	0	
Totals:		0	2,000,000	0	0	0

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 Original STIP; Approved November 27, 2015

Need ID: 22331

Title: Parks Highway MP 163-183 Rehabilitation (NR Boundary to East Fork Chulitina)

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Rehabilitate the Parks Hwy between MP 163 and 183 including 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
Design	NHPP	1,167,500	0	0	0	
Design	SM	82,500	0	0	0	
Construction	NHPP	0	0	0	18,680,000	
Construction	SM	0	0	0	1,320,000	
Utilities	NHPP	546,950	0	0	0	
Utilities	SM	38,650	0	0	0	
Totals:		1,835,600	0	0	20,000,000	0

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 Original STIP; Approved November 27, 2015

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	1,819,400	0	0	
Design	SM	0	180,600	0	0	
Totals:		0	2,000,000	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: Yukon-Koyukuk	Functional Class: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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 this NID, MP 120-135 under NID 30270 and MP 135-144 under NID 30276.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	909,700	1,819,400	0	0	
Design	SM	90,300	180,600	0	0	
Totals:		1,000,000	2,000,000	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

Need ID: 22453

Title: 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	ILLU	454,850	0	0	0	
Right of Way	SM	45,150	0	0	0	
Construction	ILLU	0	0	36,388,000	0	
Construction	SM	0	0	3,612,000	0	
Utilities	ILLU	136,455	0	0	0	
Utilities	SM	13,545	0	0	0	
Totals:		650,000	0	40,000,000	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: Yukon-Koyukuk	Functional Class: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

Need ID: 22475

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

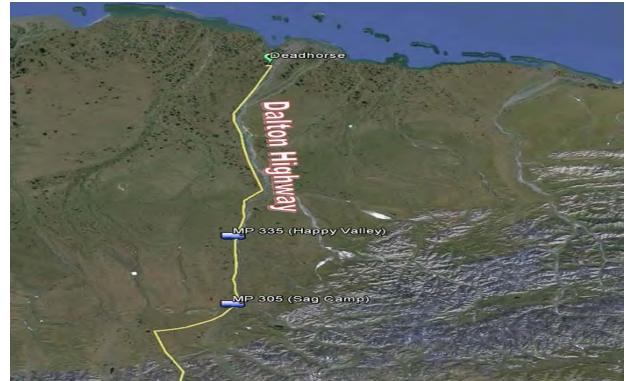
Region: Northern

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	909,700	0	0	
Design	SM	0	90,300	0	0	
Totals:		0	1,000,000	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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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 and resurfacing to support the construction of a natural gas pipeline. (This is the overall design for the entire termini. Construction will happen in three stages. MP 209-222 under NID 30277, MP 222-235 under NID 30286 and paving of the entire length under the original NID 22476.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	0	18,194,000	0	0	
Construction	ACC	0	0	-18,194,000	0	
Construction	NHPP	0	0	18,194,000	0	
Construction	SM	0	1,806,000	0	0	
Totals:		0	20,000,000	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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

Need ID: 22480

Title: 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	1,364,550	0	0	0	
Design	SM	135,450	0	0	0	
Construction	ILLU	0	30,020,100	0	0	
Construction	SM	0	2,979,900	0	0	
Totals:		1,500,000	33,000,000	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: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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
Construction	ILLU	0	0	19,103,700	0	
Construction	SM	0	0	1,896,300	0	
Totals:		0	0	21,000,000	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 **Original STIP; Approved November 27, 2015**

Need ID: 24518

Title: 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	ILLU	0	27,896,861	0	0	
Construction	SM	0	2,769,139	0	0	
Utilities	NHPP	454,850	0	0	0	
Utilities	SM	45,150	0	0	0	
Totals:		500,000	30,666,000	0	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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	BOND	11,000,000	0	0	0	
Construction	NHPP	300,000	0	0	0	
Totals:		11,300,000	0	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 **Original STIP; Approved November 27, 2015**

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
Construction	AC	2,647,890	0	0	0	
Construction	ACC	0	0	-2,647,890	0	
Construction	SM	187,110	0	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:		2,935,000	0	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 **Original STIP; Approved November 27, 2015**

Need ID: 26157

Title: 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
Construction	NHPP	0	0	8,873,000	0	
Construction	SM	0	0	627,000	0	
Utilities	NHPP	186,800	0	0	0	
Utilities	SM	13,200	0	0	0	
Totals:		200,000	0	9,500,000	0	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 27010

Title: Northern Region Signal Interconnect

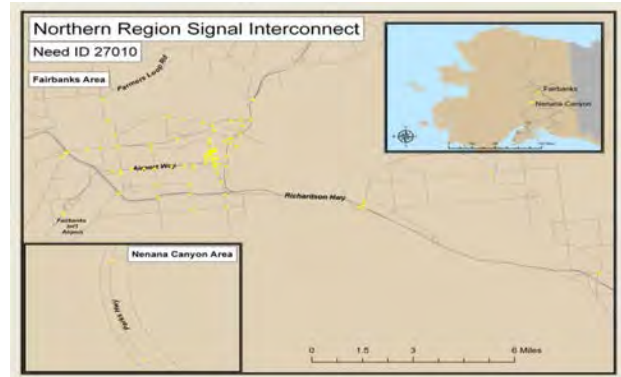
Region: Northern

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
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:		3,000,000	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 Original STIP; Approved November 27, 2015

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	
Construction	SM	0	0	0	406,350	
Construction	STP	0	0	0	4,093,650	
Totals:		450,000	150,000	0	4,500,000	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 27525

Title: Chokosna River Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Edgerton Highway

Project Description:

Replace the Chokosna River Bridge #1193 at MP 60 of the Edgerton Highway/McCarthy Road.



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	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: Valdez-Cordova	Functional Class: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

Need ID: 28389

Title: 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 **Original STIP; Approved November 27, 2015**

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	856,478	0	0	0	
Design	SM	60,522	0	0	0	
Construction	ILLU	0	0	18,680,000	0	
Construction	NHPP	0	0	28,020,000	0	
Construction	SM	0	0	3,300,000	0	
Utilities	NHPP	1,364,550	0	0	0	
Utilities	SM	135,450	0	0	0	
Totals:		2,417,000	0	50,000,000	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: Matanuska - Susitna Borough	Functional Class: Rural Interstate
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

Need ID: 28476

Title: 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 Original STIP; Approved November 27, 2015

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

Original STIP; Approved November 27, 2015

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	0	0	0	11,372	
Design	SM	0	0	0	2,257	
Design	STP	0	0	0	11,371	
Construction	AC	0	614,048	955,185	113,713	
Construction	ACC	0	0	-614,048	-955,185	
Construction	NHPP	181,940	0	614,048	955,185	
Construction	SM	36,120	121,905	189,630	22,575	
Construction	STP	181,940	614,047	955,185	113,712	
Planning	NHPP	45,485	45,485	45,485	45,485	
Planning	SM	9,030	9,030	9,030	9,030	
Planning	STP	45,485	45,485	45,485	45,485	
Totals:		500,000	1,450,000	2,200,000	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 **Original STIP; Approved November 27, 2015**

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	NHPP	14,010,000	0	0	0	
Construction	SM	990,000	0	0	0	
Totals:		15,000,000	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 **Original STIP; Approved November 27, 2015**

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. This is associated with NID's: 6173, 29431, 29432.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ILLU	11,371,250	0	0	0	
Construction	SM	1,128,750	0	0	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
Original STIP; Approved November 27, 2015**

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 and NID 30276)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor: _____
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
Original STIP; Approved November 27, 2015**

Need ID: 30276

Title: Dalton Highway MP 135-144 Reconstruction (Prospect Creek to Jim River #3)

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 includes replacing Douglas Creek Bridge #1560 at MP 142. (Also associated with NID 22452 and NID 30270)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Totals:		0	0	0	0	0

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 Original STIP; Approved November 27, 2015

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, realignment, and replacement of Nutirwik Creek Bridge No. 1515. (Also associated with NID 22476 and NID 30286.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	18,194,000	0	0	0	
Construction	SM	1,806,000	0	0	0	
Totals:		20,000,000	0	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 Original STIP; Approved November 27, 2015

Need ID: 30278

Title: Parks Highway MP 163-174 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 163-174, excluding the railroad crossing at MP 169. This grade separated crossing will take place under Need ID 22331. (Also associated with this project is NID 22331 and NID).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	19,614,000	0	0	0	
Construction	SM	1,386,000	0	0	0	
Totals:		21,000,000	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
Original STIP; Approved November 27, 2015

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. (Also associated with this project is NID 22331 and NID 30278).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	0	0	22,416,000	0	
Construction	SM	0	0	1,584,000	0	
Totals:		0	0	24,000,000	0	0

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



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	ILLU	0	0	23,350,000	0	
Construction	SM	0	0	1,650,000	0	
Totals:		0	0	25,000,000	0	0

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 **Original STIP; Approved November 27, 2015**

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
Construction	ILLU	0	0	0	25,926,450	
Construction	SM	0	0	0	2,573,550	
Totals:		0	0	0	28,500,000	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: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

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	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: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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
Construction	ILLU	0	0	0	23,350,000	
Construction	SM	0	0	0	1,650,000	
Totals:		0	0	0	25,000,000	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: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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
Right of Way	ILLU	0	0	0	909,700	
Right of Way	SM	0	0	0	90,300	
Construction	ILLU	0	0	0	22,742,500	
Construction	SM	0	0	0	2,257,500	
Totals:		0	0	0	26,000,000	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Yukon-Koyukuk	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

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 and resurfacing. Including replacement of Nutirwik Creek Bridge #1515 at MP 228. (Also associated with NID 22476 and NID 30277.)



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	NHPP	0	23,652,200	0	0	
Construction	SM	0	2,347,800	0	0	
Totals:		0	26,000,000	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: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

Need ID: 23657

Title: Airport Road Improvements

Region: Northern

Place Name: Nulato

Highway:

Project Description:

Raise the grade, replace the existing bridge (#1382), and resurface the lower portion of the airport access road (1500 feet).



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	
Construction	SM	0	0	451,500	0	
Construction	STP	0	0	4,548,500	0	
Totals:		400,000	0	5,000,000	0	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 23675

Title: 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 **Original STIP; Approved November 27, 2015**

Need ID: 26081

Title: 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
Original STIP; Approved November 27, 2015**

Need ID: 3687

Title: 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	SM	0	641,130	0	0	
Construction	STP	0	6,458,870	0	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 Original STIP; Approved November 27, 2015

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	0	90,300	0	0	
Construction	STP	0	909,700	0	0	
Totals:		0	1,000,000	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 Original STIP; Approved November 27, 2015

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
Original STIP; Approved November 27, 2015**

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	0

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
Original STIP; Approved November 27, 2015**

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. (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	1,634,500	0	0	0	
Design	SM	115,500	0	0	0	
Totals:		1,750,000	0	0	0	0

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	



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 Original STIP; Approved November 27, 2015

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 **Original STIP; Approved November 27, 2015**

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	ILLU	29,838,188	0	0	0	
Construction	OSF	2,500,000	0	0	0	
Construction	SM	2,961,870	0	0	0	
Utilities	ILLU	591,305	0	0	0	
Utilities	SM	58,695	0	0	0	
Totals:		35,950,058	0	0	0	0

Program:	National Highway System	Sponsor:	SOA DOT&PF SER
Primary Work:	Reconstruction	PEB Score:	
2013 Election District:	33 Downtown Juneau/Douglas/Haines/Skagway	Criteria:	
Borough/Census Area:	Haines Borough	Functional Class:	Rural Other Principal Arterial
Municipal Planning Org. (MPO):	non-MPO		



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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
Construction	ILLU	0	0	23,652,200	0	
Construction	SM	0	0	2,347,800	0	
Utilities	ILLU	0	0	909,700	0	
Utilities	SM	0	0	90,300	0	
Totals:		0	0	27,000,000	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:
Municipal Planning Org. (MPO): non-MPO	



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

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	ILLU	0	33,331,408	0	0	
Construction	SM	0	3,308,592	0	0	
Utilities	ILLU	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 Original STIP; Approved November 27, 2015

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	0	153,510	
Construction	STP	0	0	0	1,546,490	
Totals:		0	0	0	1,700,000	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 **Original STIP; Approved November 27, 2015**

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	AC	0	3,050,386	0	0	
Construction	ACC	0	0	-3,050,386	0	
Construction	HPRL	0	1,498,114	0	0	
Construction	SM	0	451,500	0	0	
Construction	STP	0	0	3,050,386	0	
Totals:		0	5,000,000	0	0	0

Program: Alaska Highway System	Sponsor:
Primary Work: Bridge Replacement	PEB Score:
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria:
Borough/Census Area: Lake & Peninsula Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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 Phase 8 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
Design	AC	0	0	909,700	0	
Design	SM	0	0	90,300	0	
Right of Way	AC	0	0	909,700	0	
Right of Way	SM	0	0	90,300	0	
Totals:		0	0	2,000,000	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 Original STIP; Approved November 27, 2015

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. Project will be coordinated with Need 27701 (JNU - Glacier Highway and Industrial Blvd Intersection Improvement).



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	817,500	0	0	
Construction	STP	0	2,452,500	0	0	
Utilities	3PF	0	7,500	0	0	
Utilities	STP	0	22,500	0	0	
Totals:		175,000	3,300,000	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 **Original STIP; Approved November 27, 2015**

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	0

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 **Original STIP; Approved November 27, 2015**

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	CST	1,391,500	0	0	0	
Construction	NHPP	3,206,693	0	0	0	
Construction	SM	318,307	0	0	0	
Utilities	NHPP	332,040	0	0	0	
Utilities	SM	32,960	0	0	0	
Totals:		5,281,500	0	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 Original STIP; Approved November 27, 2015

Need ID: 26112

Title: Juneau - Glacier Hwy Improvements: Twin Lakes to Wal-mart

Region: Southcoast

Place Name: Juneau

Highway: Glacier Highway

Project Description:

Resurface and improve Glacier Hwy from Glacier Highway Access Road to Twin Lakes. Improvements include: resurface entire length of roadway and address drainage needs, add pedestrian facilities on the water side of street, 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, adjust intersections and driveways as needed, and address lighting needs.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	BOND	4,920,000	0	0	0	
Construction	STP	5,330,000	0	0	0	
Utilities	STP	75,000	0	0	0	
Totals:		10,325,000	0	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 Original STIP; Approved November 27, 2015

Need ID: 27701

Title: Juneau - Glacier Hwy and Industrial Blvd Intersection Improvement

Region: Southcoast

Place Name: Juneau

Highway: Glacier Highway

Project Description:

This project will realign the Industrial Blvd. approach to Glacier Highway/Egan Drive to align with Wildmeadow Lane. Total project goes from approximately milepoint 9.4 to 9.8 on Glacier Highway/Egan Drive. Project will include curb, gutter and sidewalk as needed to match Industrial Blvd. Project will be coordinated with Need 16065 (Industrial Blvd Widening and Sidewalk).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	NHPP	181,900	0	0	0	
Design	SM	18,100	0	0	0	
Right of Way	NHPP	727,760	0	0	0	
Right of Way	SM	72,240	0	0	0	
Construction	ILLU	0	3,183,950	0	0	
Construction	SM	0	316,050	0	0	
Utilities	ILLU	0	18,060	0	0	
Utilities	SM	0	181,940	0	0	
Totals:		1,000,000	3,700,000	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 Original STIP; Approved November 27, 2015

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	181,940	0	0	0	
Design	SM	18,060	0	0	0	
Right of Way	NHPP	909,700	0	0	0	
Right of Way	SM	90,300	0	0	0	
Totals:		1,200,000	0	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 Original STIP; Approved November 27, 2015

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 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	18,060	0	0	0	
Design	CMAQ	181,940	0	0	0	
Right of Way	3PF	90,300	0	0	0	
Right of Way	CMAQ	909,700	0	0	0	
Construction	3PF	0	451,500	0	0	
Construction	CMAQ	0	4,548,500	0	0	
Utilities	3PF	0	9,030	0	0	
Utilities	CMAQ	0	90,970	0	0	
Totals:		1,200,000	5,100,000	0	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 **Original STIP; Approved November 27, 2015**

Need ID: 23375

Title: Keku Road Rehabilitation

Region: Southcoast

Place Name: Kake

Highway:

Project Description:

Rehabilitate Silver Spike, Keku, and Boat Harbor Spur Roads from Church 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
Original STIP; Approved November 27, 2015**

Need ID: 8462

Title: Gravina Access

Region: Southcoast

Place Name: Ketchikan

Highway:

Project Description:

Design and construct improved access to Gravina Island.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
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	0	0	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 **Original STIP; Approved November 27, 2015**

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 **Original STIP; Approved November 27, 2015**

Need ID: 16150

Title: Ketchikan - Buses and Bus Refurbishments

Region: Southcoast

Place Name: Ketchikan

Highway:

Project Description:

Purchase three new heavy duty low floor buses and refurbish two existing buses. This will be accomplished by a transfer to FTA.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	3PF	130,451	0	0	0	
Construction	5316	116,781	0	0	0	
Construction	AC	127,768	0	0	0	
Construction	ACC	0	-127,768	0	0	
Construction	STP	0	127,768	0	0	
Totals:		375,000	0	0	0	0

Program: Community Transportation Program	Sponsor: Ketchikan Gateway Borough
Primary Work: Transit	PEB Score: 144
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: Transit
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: Unclassified
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

Need ID: 19095

Title: Ketchikan Transit Needs

Region: Southcoast

Place Name: Ketchikan

Highway:

Project Description:

Capital Improvements related to public transit. This will be accomplished by a FHWA transfer to FTA.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Multi-Phase Activity	3PF	41,505	0	0	0	
Multi-Phase Activity	ACC	0	-373,545	0	0	
Multi-Phase Activity	STP	373,545	373,545	0	0	
Totals:		415,050	0	0	0	0

Program: Community Transportation Program	Sponsor: Ketchikan Gateway Borough
Primary Work: Transit	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: Transit
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: _____
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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	36,120	0	0	0	
Design	STP	363,880	0	0	0	
Right of Way	SM	90,300	0	0	0	
Right of Way	STP	909,700	0	0	0	
Construction	SM	0	0	0	1,338,246	
Construction	STP	0	0	0	13,481,754	
Utilities	SM	0	0	0	36,120	
Utilities	STP	0	0	0	363,880	
Totals:		1,400,000	0	0	15,220,000	0

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 Original STIP; Approved November 27, 2015

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	18,060	0	0	0	
Design	STP	181,940	0	0	0	
Right of Way	SM	90,300	0	0	0	
Right of Way	STP	909,700	0	0	0	
Construction	ILLU	0	6,495,258	0	0	
Construction	SM	0	644,742	0	0	
Utilities	ILLU	0	1,964,952	0	0	
Utilities	SM	0	195,048	0	0	
Totals:		1,200,000	9,300,000	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 **Original STIP; Approved November 27, 2015**

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
Construction	AC	7,800,678	0	0	0	
Construction	ACC	0	0	-7,800,678	0	
Construction	SM	774,322	0	0	0	
Construction	STP	0	0	7,800,678	0	
Totals:		8,575,000	0	0	0	0

Program: National Highway System	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class:
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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	4,548,500	0	0	0	
Construction	ACC	0	-4,548,500	0	0	
Construction	SM	903,000	0	0	0	
Construction	STP	4,548,500	4,548,500	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 Original STIP; Approved November 27, 2015

Need ID: 27766

Title: Ketchikan - 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 (#727).



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Construction	AC	15,101,020	0	0	0	
Construction	ACC	0	0	0	-15,101,020	
Construction	SM	1,498,980	0	0	0	
Construction	STP	0	0	0	15,101,020	
Utilities	AC	909,700	0	0	0	
Utilities	ACC	0	0	0	-909,700	
Utilities	SM	90,300	0	0	0	
Utilities	STP	0	0	0	909,700	
Totals:		17,600,000	0	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
Original STIP; Approved November 27, 2015**

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	0	27,090	0	
Right of Way	STP	0	0	272,910	0	
Construction	AC	0	0	0	2,911,040	
Construction	SM	0	0	0	288,960	
Utilities	AC	0	0	0	45,485	
Utilities	SM	0	0	0	4,515	
Totals:		300,000	200,000	300,000	3,250,000	0

Program: Community Transportation Program	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: Rural Minor Collector
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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 Original STIP; Approved November 27, 2015

Need ID: 26120

Title: King Cove Cold Bay Road

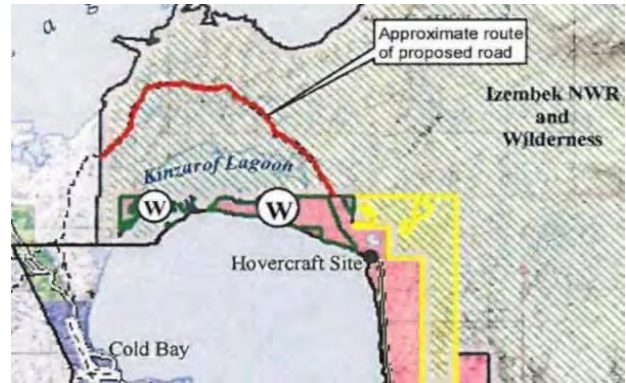
Region: Southcoast

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 17.2 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 **Original STIP; Approved November 27, 2015**

Need ID: 2436

Title: Kodiak - Otmeloi Way Reconstruction

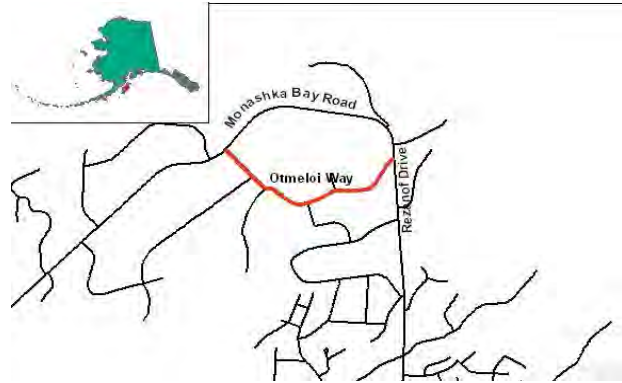
Region: Southcoast

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	3,400,000	0	0	
Construction	OSF	0	1,112,504	0	0	
Construction	SM	0	337,496	0	0	
Utilities	OSF	0	750,000	0	0	
Totals:		500,000	5,600,000	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
Original STIP; Approved November 27, 2015**

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	45,150	18,060	0	0	
Design	STP	454,850	181,940	0	0	
Totals:		500,000	200,000	0	0	0

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 **Original STIP; Approved November 27, 2015**

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
Right of Way	SM	903	0	0	0	
Right of Way	STP	9,097	0	0	0	
Construction	AC	2,729,100	0	0	0	
Construction	ACC	0	-2,729,100	0	0	
Construction	SM	541,800	0	0	0	
Construction	STP	2,729,100	2,729,100	0	0	
Utilities	AC	909,700	0	0	0	
Utilities	ACC	0	0	-909,700	0	
Utilities	SM	90,300	0	0	0	
Utilities	STP	0	0	909,700	0	
Totals:		7,010,000	0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: _____
Borough/Census Area: Kodiak Island Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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	0

Program: Alaska Highway System	Sponsor:
Primary Work: System Preservation	PEB Score:
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria:
Borough/Census Area: Kodiak Island Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program **Original STIP; Approved November 27, 2015**

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). Address lighting, guardrails, drainage, culverts and other highway appurtenances as needed.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	SM	0	0	27,090	9,030	
Design	STP	0	0	272,910	90,970	
Totals:		0	0	300,000	100,000	0

Program: <u>Alaska Highway System</u>	Sponsor: _____
Primary Work: <u>System Preservation</u>	PEB Score: _____
2013 Election District: <u>32 Kodiak/Cordova/Seldovia</u>	Criteria: _____
Borough/Census Area: <u>Kodiak Island Borough</u>	Functional Class: <u>MAJOR COLLECTOR</u>
Municipal Planning Org. (MPO): <u>non-MPO</u>	



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

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
Construction	AC	6,094,990	0	0	0	
Construction	ACC	0	0	0	-6,094,990	
Construction	SM	605,010	0	0	0	
Construction	STP	0	0	0	6,094,990	
Utilities	AC	636,790	0	0	0	
Utilities	ACC	0	-636,790	0	0	
Utilities	SM	63,210	0	0	0	
Utilities	STP	0	636,790	0	0	
Totals:		7,400,000	0	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
Original STIP; Approved November 27, 2015**

Need ID: 28811

Title: Pelican - Main Street Bridge (No. 1268) Improvement

Region: Southcoast

Place Name: Pelican

Highway: N/A

Project Description:

Rehabilitate or replace the Main Street Bridge (No. 1268) also known as the Pelican Boardwalk.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	3PF	54,180	27,090	0	0	
Design	AC	545,820	272,910	0	0	
Design	ACC	0	0	-818,730	0	
Design	STP	0	0	818,730	0	
Construction	3PF	0	0	0	1,354,500	
Construction	AC	0	0	0	13,645,500	
Totals:		600,000	300,000	0	15,000,000	0

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
Original STIP; Approved November 27, 2015**

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	0

Program: Ports and Harbors	Sponsor: Southcoast Region
Primary Work: New Construction	PEB Score:
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria:
Borough/Census Area: Aleutians East Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	



2016-2019 Alaska Statewide Transportation Improvement Program Original STIP; Approved November 27, 2015

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 Original STIP; Approved November 27, 2015

Need ID: 6059

Title: Skagway - 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	12,189,980	0	0	0	
Construction	SM	1,210,020	0	0	0	
Utilities	NHPP	45,485	0	0	0	
Utilities	SM	4,515	0	0	0	
Totals:		14,000,000	0	0	0	0

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



**2016-2019 Alaska Statewide Transportation Improvement Program
Original STIP; Approved November 27, 2015**

Need ID: 3028

Title: Kake Access

Region: Southcoast

Place Name: Southcoast Region

Highway:

Project Description:

Construct approximately 27 miles of new single lane, unpaved roadway and bridges and improve approximately 26 miles of existing logging roads on the north end of Kupreanof Island to provide Kake road access to Petersburg via a short shuttle ferry link. The very low volume road is intended to improve Kake's surface transportation access to Petersburg, the regional transportation system.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
Design	OSF	1,000,000	0	0	0	
Multi-Phase Activity	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
Original STIP; Approved November 27, 2015**

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
Planning	SA	180,000	180,000	180,000	180,000	
Planning	SM	20,000	20,000	20,000	20,000	
Totals:		200,000	200,000	200,000	200,000	0

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 **Original STIP; Approved November 27, 2015**

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	
Totals:		10,500,000	10,500,000	10,500,000	10,500,000	0

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 **Original STIP; Approved November 27, 2015**

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
Right of Way	NHPP	109,164	109,164	0	0	
Right of Way	SM	27,090	27,090	0	0	
Right of Way	STP	163,746	163,746	0	0	
Construction	NHPP	473,044	473,044	0	0	
Construction	SM	117,390	117,390	0	0	
Construction	STP	709,566	709,566	0	0	
Totals:		1,600,000	1,600,000	0	0	0

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 Original STIP; Approved November 27, 2015

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 **Original STIP; Approved November 27, 2015**

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	2,092,310	0	0	0	
Construction	SM	207,690	0	0	0	
Totals:		2,300,000	0	0	0	0

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 Original STIP; Approved November 27, 2015

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
Construction	ILLU	0	0	0	25,107,720	
Construction	SM	0	0	0	2,492,280	
Totals:		0	0	0	27,600,000	0

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 **Original STIP; Approved November 27, 2015**

Need ID: 23595

Title: Wrangell - Evergreen Road Improvements and Pedestrian Access

Region: Southcoast

Place Name: Wrangell

Highway:

Project Description:

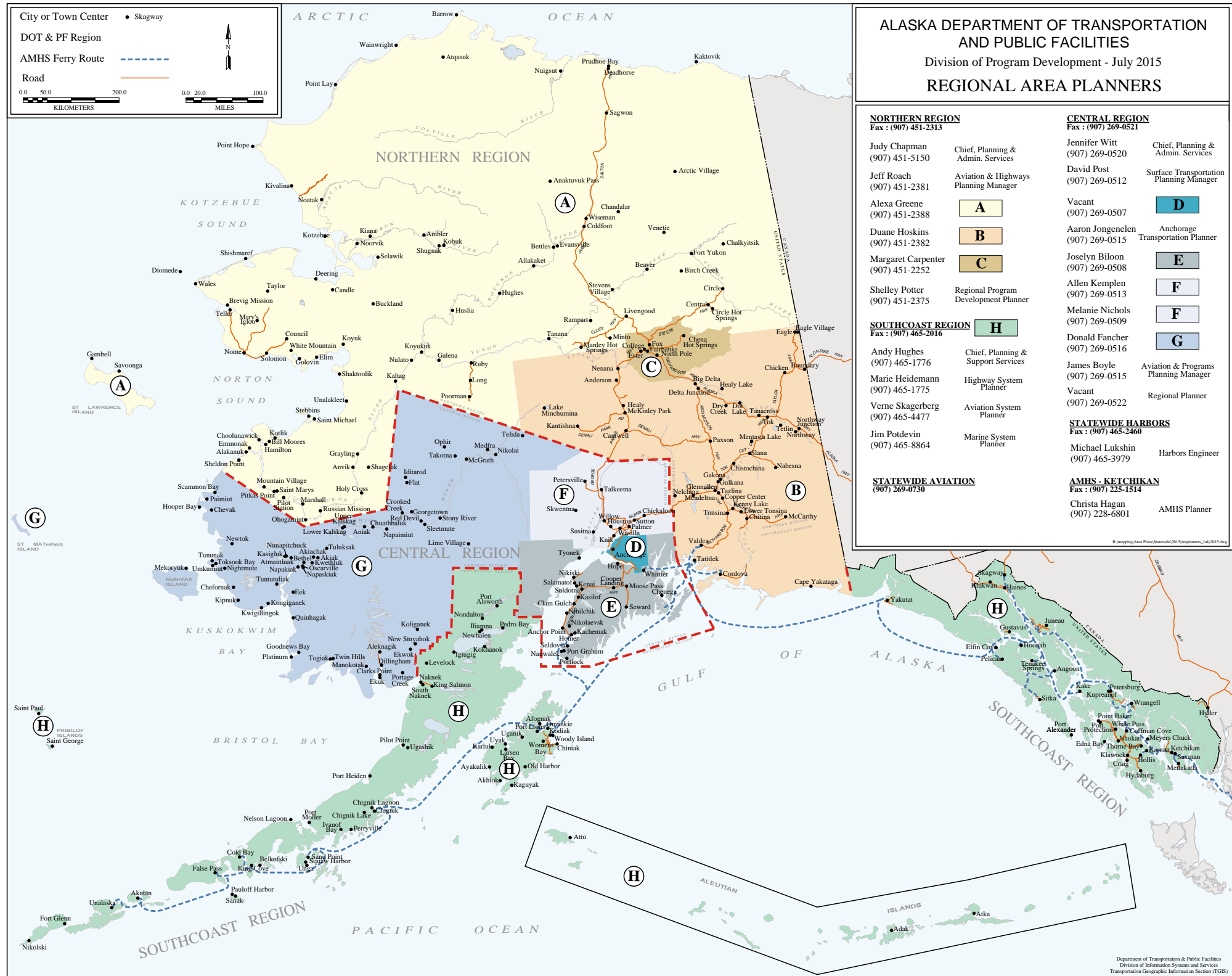
Reconstruct Evergreen Road from the Alaska Marine Highway terminal to the airport, approximately 1 mile along Evergreen Roads. Straighten curves where able. Construct curbs, gutter and sidewalk from the Ferry Terminal to Petroglyph Beach access including improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual. Redesign electrical services.



Phase	Fund	FFY16	FFY17	FFY18	FFY19	After2019
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:		5,200,000	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	





REGIONAL AREA PLANNERS

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**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

Draft 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%.

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.

TA (Transportation Alternatives) – The Moving Ahead for Progress in the 21st Century Act (MAP-21) replaced the Transportation Enhancement (TE) Activities with the Transportation Alternatives Program (TA), 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 federal funds ratio is 90.97%.

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.