State of Alaska
Department of Transportation & Public Facilities

2018-2021
Statewide Transportation Improvement Program (STIP)
Amendment 4
Approved September 16, 2019

“Keep Alaska Moving through service and infrastructure.”

Integrity ∙ Excellence ∙ Respect
September 16, 2019

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

Dear Mr. MacKinnon:

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

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

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

Sincerely,

Sandra A. Garcia-Aline
Division Administrator
Federal Highway Administration

Linda M. Gehrke
Regional Administrator
Federal Transit Administration
Electronically cc:
    Ben White, Director Program Development
    Maren Brantner, STIP Manager, Headquarters DOT&PF
    Ned Conroy, FTA
Introduction to the STIP

The Alaska Statewide Transportation Improvement Program (STIP) is the state’s four-year program for transportation system preservation and development. Federal statutes (23 USC 135) require that in order to use federal transportation funding, the state must develop a STIP. The STIP must cover all surface transportation improvements for which partial or full federal funding is approved and that are expected to take place during the four-year duration of the STIP. Alaska’s surface transportation program is mostly driven by federal funds and requirements and includes interstate, state and some local highways, bridges, ferries and public transportation.

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

Overview

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

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

The STIP is consistent with other planning efforts, including DOT’s Highway Safety Improvement Plan, approved regional transportation plans (components of the Long Range Transportation Policy Plan), Transportation
Improvement Programs (TIPs) prepared by Metropolitan Planning Organizations (MPO) in both Anchorage and Fairbanks, municipal comprehensive plans and tribal transportation plans.

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

**STIP Revisions**

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

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

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

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

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

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

Fixing America’s Surface Transportation (FAST) Act

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

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

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

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

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

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

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

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

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

Metropolitan Planning Organizations (MPOs) - Federal regulation requires that each state transportation department develop a STIP for all areas of the state outside of MPOs. For metropolitan areas, the MPOs develop their own TIPs (Transportation Improvement Programs), which are approved by the Governor or his/her delegate and are incorporated by reference into the STIP. Alaska has two MPOs: Anchorage Metropolitan Area Transportation Solutions (AMATS) and Fairbanks Metropolitan Area Transportation System (FMATS). Each TIP and all amendments are incorporated by reference into the STIP and are linked to the STIP website at www.dot.alaska.gov/stip.
Public and Human Service Transportation (Transit) projects in the STIP - The Federal Transit Administration (FTA) administers several public and human services transportation grant programs that provide financial assistance to develop new transit systems and to improve, maintain, and operate existing systems. Like highway federal-aid programs, each public transportation program has different requirements intended to meet specific needs as determined by Congress. While some funds flow directly from FTA to designated recipients with the legal authority to receive and dispense federal funds, such as cities, towns, regional governments, Alaska railroad or transit authorities, DOT&PF administers many of the grant programs in Alaska according to the specific requirements of each.

EPA Air Quality Issues and Congestion Mitigation and Air Quality (CMAQ) Projects
Alaska has air quality nonattainment areas and maintenance areas. “Nonattainment” areas are those areas that fall below air quality standards. “Maintenance areas” are those that now meet air quality standards, but need funds to maintain the improvements and programs that brought their air quality up to acceptable standards.

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

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

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

Metropolitan Transportation Plans (MTP) and Transportation Improvement Program (TIP) projects proposed for construction within air quality nonattainment and maintenance areas must undergo regional and project-level analysis to make sure they conform to the SIP. Regional analysis looks at the combined emission impacts of all projects in an area for each year within the TIP timeframe, an approximately twenty-year period. The regional analysis must consider all transportation projects, regardless of funding source. Project-level analysis looks at the
emission impacts at the project location to ensure no new localized “hot-spot” violations of the air quality standards will result.

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

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

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

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

**Project Programming in the STIP**

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

**Multi-Phase, Phase 0** – This phase identifies programs that have multiple projects and for individual projects where the phases of work required for the improvements have yet to be defined. Examples include;
• Anchorage Metropolitan Area Transportation Solutions (AMATS) and the Fairbanks Metropolitan Area Transportation System (FMATS) Community Transportation Program Allocations,
• Recreational Trails Program,
• Transportation Alternative Program,
• Pavement and Bridge Rehabilitation Program,
• Highway Safety Improvement Program, and the
• Alaska Railroad and Public Transit System Programs.

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

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

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

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

Design (Preliminary Engineering), Phase 2 - The design or preliminary engineering phase outlines a project and through increasingly detailed steps refines the project to develop highly specific project plans that construction contractors use to guide their work. A larger or more complex project may include a reconnaissance study to outline the issues involved, identify and analyze alternative solutions, and provide comparisons of the alternatives. Every
project will entail some level of environmental review; the more complex or controversial projects may need detailed environmental impact studies, while simpler, routine projects may qualify for categorical exclusions. During the environmental review, design staff develops practicable or reasonable alternatives to the extent necessary to evaluate environmental impacts and estimate costs. Not all costs can be identified at this point, however, that will come as the project is further developed.

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

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

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

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

Utilities, Phase 7 - For each alternative under consideration in the design phase, the utilities engineer reviews preliminary plans that show line, grade, slope limits, and clear zone widths, and the plans are shared with the affected utility companies. The utility determines the adjustments and relocations necessary to avoid conflict with the project (which may warrant revising design plans), designs the changes to its facilities, and prepares plans and cost estimates to support the relocation agreement. In some cases, DOT&PF or a consultant performs the utility relocation design for relocation work to be included in the contract. The utilities engineer will verify adjustments or
relocations necessary for each alternative and rough cost estimates. If additional right-of-way is necessary to accommodate utility relocation, these requirements will be shared with the ROW section for inclusion into the ROW cost estimates. After the design is completed and the project is approved to proceed, utility relocations may begin. Relocation may be performed by the utility company, by a contractor managed by utility or the department, or as part of the department’s highway contract.

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

**The STIP Website**

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

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

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

The projects in this section are grouped alphabetically by place name then numerically by need ID number.
### 2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

**Need ID:** 5985  
**Title:** Shoreside Facilities Condition Survey  
**Region:** Marine Highways  
**Place Name:** Statewide  
**Highway:** Marine Highway

**Project Description:**  
Conduct and document shoreside facilities condition surveys.  
Prepare annual survey updates.

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**Program:** Alaska Highway System  
**Primary Work:** Planning  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** non-MPO  
**Sponsor:** DOT&PF  
**PEB Score:**  
**Criteria:**  
**Functional Class:** LOCAL
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 6413
Title: Fleet Condition Survey Update
Region: Marine Highways
Place Name: Statewide
Highway: Marine Highway

Project Description:
Update AMHS fleet condition survey.

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Program: Alaska Highway System
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Sponsor: DOT&PF
PEB Score:
Criteria:
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 13883
Title: Skagway Terminal Modifications
Region: Marine Highways
Place Name: Skagway
Highway: Marine Highway

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

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Program: Alaska Highway System
Primary Work: Ferry Boats
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway
Borough/Census Area: Skagway, Municipality and Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor: ADOT/PF
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
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.

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Program: Alaska Highway System
Primary Work: Ferry Boats
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Sponsor: ADOT/PF
PEB Score: 
Criteria: 
Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

**Need ID:** 18359  
**Title:** Design Construct Lease Purchase Ferryboats and Terminals  
**Region:** Marine Highways  
**Place Name:** Statewide  
**Highway:** Marine Highway

**Project Description:**
Design/construct/lease/purchase ferryboats and terminals for AMHS.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
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**Program:** Alaska Highway System  
**Primary Work:** Ferry Boats  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** non-MPO

**Sponsor:** ADOT/PF  
**PEB Score:**  
**Criteria:**  
**Functional Class:** N/A
Need ID: 26329  
Title: Marine Highway Intelligent Transportation Systems Implementation Plan  
Region: Marine Highways  
Place Name: Statewide  
Highway:  

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

<table>
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<th>FFY21</th>
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Program: Alaska Highway System  
Primary Work: ITS  
2013 Election District: 99 Statewide  
Borough/Census Area: Various Boroughs  
Municipal Planning Org. (MPO): non-MPO  

Sponsor:  
PEB Score:  
Criteria:  
Functional Class: N/A
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.

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<th>Phase</th>
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Program: Alaska Highway System
Primary Work: Ferry Boats
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Sponsor:
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 28789
Title: AMHS Gustavus Ferry Terminal Modifications
Region: Marine Highways
Place Name: Gustavus
Highway: Marine Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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Program: Alaska Highway System
Primary Work: Ferry Boats
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway
Borough/Census Area: Unorganized Borough
Municipal Planning Org. (MPO): not identified

Sponsor: PEB Score:
Criteria: Functional Class: MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 28790
Title: AMHS Tenakee Ferry Terminal Improvements
Region: Marine Highways
Place Name: Tenakee Springs
Highway: Marine Highway

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

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Program: Alaska Highway System
Primary Work: Ferry Boats
2013 Election District: 35 Sitka/Petersburg
Borough/Census Area: Unorganized Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor:
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 28791
Title: AMHS Wastewater Treatment System Upgrades
Region: Marine Highways
Place Name: Various
Highway: Marine Highway

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

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<tr>
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Program: Alaska Highway System
Primary Work: Ferry Boats
2013 Election District: 91 Southcoast Region
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified

Sponsor:
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
**Need ID:** 29709  
**Title:** Auke Bay Ferry Terminal Modification and Improvements  
**Region:** Marine Highways  
**Place Name:** Juneau  
**Highway:** Marine Highway

**Project Description:**
Reconfigure the existing stern berth facility to accommodate the Alaska Class Ferry vessel.

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**Program:** Alaska Highway System  
**Primary Work:** Ferry Boats  
**2013 Election District:** 34 Mendenhall Valley  
**Borough/Census Area:** Juneau, City and Borough of  
**Municipal Planning Org. (MPO):** not identified  
**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** PRINCIPAL ARTERIAL - OTHER
### 2018-2021 Alaska Statewide Transportation Improvement Program
#### Amendment 4; Approved September 16, 2019

**Need ID:** 30189  
**Title:** AMHS Tustumena Replacement Vessel  
**Region:** Marine Highways  
**Place Name:** Statewide  
**Highway:** Marine Highway

**Project Description:**  
Construct a replacement ferry to service Southcentral and Southwest Alaska coastal communities.

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**Program:** Alaska Highway System  
**Primary Work:** Ferry Boats  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** non-MPO  

**Sponsor:**  
**PEB Score:**  
**Criteria:** PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30529
Title: AMHS Ferry Terminal Storage Tank Removal
Region: Marine Highways
Place Name: Statewide
Highway: Marine Highway

Project Description:
Remove and replace underground storage tanks at AMHS ferry terminals.

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Program: National Highway System
Primary Work: Ferry Boats
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A

Sponsor:  
PEB Score:  
Criteria:  
Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 31098
Title: Ketchikan Ferry Terminal Improvements Stage II
Region: Marine Highways
Place Name: Ketchikan
Highway: Marine Highway

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

<table>
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Program: Alaska Highway System
Primary Work: Reconstruction
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hyderabad
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): not identified
Sponsor: 
PEB Score: 
Criteria: 
Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 31450  
Title: M/V Aurora Repower & Ship Systems Upgrades  
Region: Marine Highways  
Place Name: Statewide  
Highway: Marine Highway

Project Description: 
Replace main propulsion engines and subsystem upgrades.

<table>
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</tr>
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<td>FFY21</td>
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<td>After2021</td>
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Totals: 0 0 0 0

Program: Alaska Highway System  
Primary Work: Ferry Boats  
2013 Election District: 99 Statewide  
Borough/Census Area: Various Boroughs  
Municipal Planning Org. (MPO): non-MPO  
Sponsor:  
PEB Score:  
Criteria:  
Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 31922
Title: Auke Bay Ferry Terminal Building Refurbishment
Region: Marine Highways
Place Name: Juneau
Highway: Marine Highway

Project Description:
Refurbish the existing Auke Bay Ferry Terminal building structure.

<table>
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<th>FFY20</th>
<th>FFY21</th>
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Program: Required programs and Preventive Maintenance
Primary Work: Reconstruction
2013 Election District: 80 Juneau Areawide
Borough/Census Area: Juneau, City and Borough of
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A

Sponsor:
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
Central Region
Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the Central Region planning manager: Phone: (907) 269-0520 Email: david.post@alaska.gov
**2018-2021 Alaska Statewide Transportation Improvement Program**
**Amendment 4; Approved September 16, 2019**

**Need ID:** 2186  
**Title:** Aleknagik Wood River Bridge Approach Roads  
**Region:** Central  
**Place Name:** Aleknagik  
**Highway:** N/A

**Project Description:**  
Construct road between Aleknagik (North Shore) with the Dillingham-Aleknagik Road.

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

---

[Image of map showing the location of Aleknagik Wood River Bridge Approach Roads]
Project Description:
Reconstruct approximately 3 miles of Glenn Highway, including replacement of the Moose Creek Bridge. Project straightens horizontal curve. Includes Bridge No. 0541 Moose Creek.

<table>
<thead>
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<th>After2021</th>
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<td>4,535,000</td>
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<td>0</td>
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<td>Utilities</td>
<td>SM</td>
<td>0</td>
<td>0</td>
<td>90,700</td>
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<td>3,000,000</td>
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<td>51,000,000</td>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety

Sponsor: DOT&PF
PEB Score:
Criteria: Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 2481
Title: Seward Meridian Road Improvements
Region: Central
Place Name: Central Region
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right of Way</td>
<td>SM</td>
<td>361,200</td>
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<tr>
<td>Right of Way</td>
<td>STP</td>
<td>3,638,800</td>
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<tr>
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<td>0</td>
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</table>

Program: Community Transportation Program
Primary Work: Reconstruction
2013 Election District: 7 Greater Wasilla
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety, Travel Time

Sponsor: Matanuska - Susitna Borough
PEB Score: 111.2
Criteria: Urban and Rural
Functional Class: LOCAL
Need ID: 2503
Title: Wasilla Fishhook Road / Main Street
Region: Central
Place Name: Wasilla
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right of Way</td>
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<tr>
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<td>SM</td>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 7 Greater Wasilla
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Freight Travel Time, Safety, Travel Time

Sponsor: City of Wasilla
PEB Score: 199
Criteria: Urban and Rural
Functional Class: PRINCIPAL ARTERIAL - OTHER
### Need ID: 2617

**Title:** Seward Highway Mile Point 17-23 (Milepost 17-22.5) Rehabilitation Snow River to Lawing  
**Region:** Central  
**Place Name:** Central Region  
**Highway:** Seward Highway  

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
<tr>
<td>Totals</td>
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<td>0</td>
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</table>

**Program:** National Highway System  
**Sponsor:** DOT&PF  
**EB Score:**  
**Criteria:**  
**Functional Class:** PRINCIPAL ARTERIAL - OTHER  

**2013 Election District:** 29 North Kenai  
**Borough/Census Area:** Kenai Peninsula Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Bridge, Pavement, Safety
Need ID: 2620
Title: Seward Highway Mile Point 24-36 (Milepost 25-36) Rehabilitation Moose Pass to Sterling Wye
Region: Central
Place Name: Central Region
Highway: Seward Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
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<td>Design</td>
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<td>Right of Way</td>
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<td>650,000</td>
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</table>

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

Need ID: 2670
Title: Sterling Highway Mile Point 116-129 (Milepost 157-169) Rehabilitation Anchor Point to Baycrest Hill
Region: Central
Place Name: Central Region
Highway: Sterling Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 31 Homer/South Kenai
Borough/Census Area: Kenai Peninsula Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety

Sponsor: DOT&PF
PEB Score: 
Criteria: Urban and Rural
Functional Class: PRINCIPAL ARTERIAL - OTHER
**2018-2021 Alaska Statewide Transportation Improvement Program**  
**Amendment 4; Approved September 16, 2019**

**Need ID:** 2673  
**Title:** Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction  
**Region:** Central  
**Place Name:** Central Region  
**Highway:** Sterling Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td><strong>4,000,000</strong></td>
<td><strong>249,504,600</strong></td>
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</table>

**Program:** National Highway System  
**Primary Work:** New Construction  
**2013 Election District:** 29 North Kenai  
**Borough/Census Area:** Kenai Peninsula Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Bridge, Freight Travel Time, Safety  
**Sponsor:** DOT&PF  
**PEB Score:**  
**Criteria:** Urban and Rural  
**Functional Class:** INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program  
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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<td>675,000</td>
<td>675,000</td>
<td>1,350,000</td>
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</table>

Program: Required programs and Preventive Maintenance  
Primary Work: Safety  
2013 Election District: 92 Central Region  
Borough/Census Area: Various Boroughs  
Municipal Planning Org. (MPO): non-MPO  
Sponsor: DOT&PF  
PEB Score:  
Criteria:  
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 6460
Title: AMATS CTP Program Allocation
Region: Central
Place Name: Anchorage
Highway: N/A

Project Description:
AMATS CTP Program Allocation. See AMATS TIP for projects.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</thead>
<tbody>
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<td>638,679</td>
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<td>1,869,304</td>
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<td>27,601,390</td>
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<td>30,846,139</td>
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</table>

Program: Community Transportation Program
Primary Work: System Preservation
2013 Election District: 50 Anchorage Areawide
Borough/Census Area: Anchorage, Municipality of
Municipal Planning Org. (MPO): AMATS

Sponsor: DOT&PF
PEB Score: 999
Criteria:
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 9299
Title: AMATS CMAQ Allocation for Qualifying Air Quality Projects
Region: Central
Place Name: Anchorage
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
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<td>2,101,733</td>
<td>2,154,277</td>
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<tr>
<td>Multi-Phase Activity SM</td>
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<td>214,883</td>
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<tr>
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<td><strong>2,369,160</strong></td>
<td><strong>2,428,388</strong></td>
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</tr>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: Congestion

2013 Election District: 50 Anchorage Areawide
Borough/Census Area: Anchorage, Municipality of
Municipal Planning Org. (MPO): AMATS
Performance Measures: CMAQ, Travel Time

Sponsor: DOT&PF
PEB Score: 999
Criteria:
Functional Class: N/A
Need ID: 11439
Title: Whittier Tunnel: Maintenance and Operations
Region: Central
Place Name: Whittier
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td><strong>4,150,000</strong></td>
<td><strong>4,150,000</strong></td>
<td><strong>4,150,000</strong></td>
</tr>
</tbody>
</table>

Program: National Highway System
Primary Work: Other
2013 Election District: 28 South Anchorage
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A

Sponsor: DOT&PF
PEB Score:
Criteria:
Functional Class: MINOR ARTERIAL
Project Description: Improve Lucus Road between Parks Highway and Spruce Avenue to an upgraded two lane facility with shoulders, turning lanes, pedestrian facilities, landscaping and drainage improvements, including improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 11921
Title: Sterling Hwy Mile Point 23-43 Milepost 60-79 Skilak Lake Rd to Sterling Rehabilitation/Passing Lanes
Region: Central
Place Name: Soldotna
Highway: Sterling Highway

Project Description:
Resurfacing, minor widening and passing lanes as needed.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<tr>
<td>Construction</td>
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<tr>
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<tr>
<td>Totals:</td>
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<td>0</td>
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<td>0</td>
</tr>
</tbody>
</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 29 North Kenai
Borough/Census Area: Kenai Peninsula Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
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<td>NHPP</td>
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</tbody>
</table>

**Program:** National Highway System

**Primary Work:** Reconstruction

**2013 Election District:** 28 South Anchorage

**Borough/Census Area:** Anchorage, Municipality of

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

**Performance Measures:** Bridge, Pavement, Safety

**Sponsor:** ADOT&PF

**PEB Score:**

**Criteria:** Urban and Rural

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

Need ID: 11959
Title: Glenn Highway Mile Point 33-41 (Milepost 34-42) Reconstruction Parks to Old Glenn Hwy
Region: Central
Place Name: Palmer
Highway: Glenn Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<tr>
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<td>Utilities</td>
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<td>NHPP</td>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 11 Greater Palmer
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Freight Travel Time, Safety, Travel Time

Sponsor: DOT&PF and the City of Palmer
PEB Score: 2013
Criteria: Urban and Rural
Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program 
Amendment 4; Approved September 16, 2019

Need ID: 12640
Title: Seward Highway Mile Point 98-105 (Milepost 99-105) Bird and Indian Improvements 
Region: Central  
Place Name: Anchorage  
Highway: Seward Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<tbody>
<tr>
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</table>

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

Need ID: 12641
Title: Seward Highway Mile Point 104-115 (Milepost 105-115) Passing Lanes Indian to Potter
Region: Central
Place Name: Anchorage
Highway: Seward Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 28 South Anchorage
Borough/Census Area: Anchorage, Municipality of
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Safety, Travel Time

Sponsor: DOT&PF
PEB Score:
Criteria: Urban and Rural
Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 16030
Title: Dillingham Downtown Streets Reconstruction and Rehabilitation
Region: Central
Place Name: Dillingham
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<tbody>
<tr>
<td>Construction</td>
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</table>

Program: Community Transportation Program
Primary Work: Reconstruction
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim
Borough/Census Area: Dillingham
Municipal Planning Org. (MPO): non-MPO
Performance Measures: CMAQ, Safety

Sponsor: City of Dillingham
PEB Score: 134.3
Criteria: Remote and Trails
Functional Class: MAJOR COLLECTOR
### 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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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### Program:
Required programs and Preventive Maintenance

### Primary Work:
System Preservation

### 2013 Election District:
92 Central Region

### Borough/Census Area:
Various Boroughs

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

### Performance Measures:
Bridge, Pavement
Need ID: 23197
Title: Homer Lake Street Rehabilitation
Region: Central
Place Name: Homer
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
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Program: Community Transportation Program
Primary Work: Reconstruction
2013 Election District: 31 Homer/South Kenai
Borough/Census Area: Kenai Peninsula Borough
Municipal Planning Org. (MPO): not identified
Performance Measures: Safety

Sponsor: City of Homer
PEB Score: 155
Criteria: Urban and Rural
Functional Class: MINOR ARTERIAL
Need ID: 23207
Title: Kenai Beaver Loop Road Improvement and Pedestrian Pathway
Region: Central
Place Name: Kenai
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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Program: Community Transportation Program
Primary Work: Reconstruction
2013 Election District: 30 Kenai/Soldotna
Borough/Census Area: Kenai Peninsula Borough
Municipal Planning Org. (MPO): not identified

Sponsor: City of Kenai
PEB Score: 
Criteria: 
Functional Class: MAJOR COLLECTOR
Need ID: 23335
Title: Bethel Ridgecrest Drive Rehabilitation
Region: Central
Place Name: Bethel
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
<tr>
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</table>

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

Need ID: 24596
Title: Knik Goose Bay Road Reconstruction Centaur Avenue to Vine Road Stage 2
Region: Central
Place Name: Wasilla
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</table>

Program: National Highway System
Primary Work: New Construction
2013 Election District: 7 Greater Wasilla
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor: DOT&PF
PEB Score:
Criteria: PRINCIPAL ARTERIAL - OTHER
Need ID: 26113
Title: Kalifornsky Beach Road Mile Point 16-23 (Milepost 16-22.2) Paving Rehabilitation and Signalization
Region: Central
Place Name: Soldotna
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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<td>Design</td>
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</table>

Program: Community Transportation Program
Primary Work: System Preservation
2013 Election District: 30 Kenai/Soldotna
Borough/Census Area: Kenai Peninsula Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety

Sponsor:
PEB Score: 364
Criteria: Urban and Rural
Functional Class: MINOR ARTERIAL
Need ID: 26124
Title: Gold Creek Bridge and Tatalina Bridge Replacement
Region: Central
Place Name: Takotna
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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Program: Community Transportation Program
Primary Work: Bridge Replacement
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim
Borough/Census Area: Wade-Hampton
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge

Sponsor: 
Peb Score: 360
Criteria: Remote and Trails
Functional Class: MINOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 27470
Title: Anchorage Glenn Highway Muldoon Road Interchange Reconstruction
Region: Central
Place Name: Anchorage
Highway: Glenn Highway

Project Description:
Reconstruct interchange at Muldoon and Glenn Highway.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</table>

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

Sponsor:
PEB Score:
Criteria: Functional Class: INTERSTATE

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

**Need ID:** 27473  
**Title:** Kenai Spur Road Rehabilitation Stage 1  
**Region:** Central  
**Place Name:** Kenai  
**Highway:** N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
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**Program:** National Highway System  
**Primary Work:** System Preservation  
**2013 Election District:** 29 North Kenai  
**Borough/Census Area:** Kenai Peninsula Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Safety  
**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** PRINCIPAL ARTERIAL - OTHER
Need ID: 28089  
Title: Glenn Highway Mile Point 59 - 85 (Milepost 66.5 to 92) Rehabilitation  
Region: Central  
Place Name: Central Region  
Highway: Glenn Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
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<th>After2021</th>
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Program: National Highway System  
Primary Work: System Preservation  
2013 Election District: 9 Richardson Highway/East MatSu  
Borough/Census Area: Matanuska - Susitna Borough  
Municipal Planning Org. (MPO): non-MPO  
Performance Measures: Pavement, Safety  
Sponsor:  
PEB Score:  
Criteria:  
Functional Class: Interstate
Need ID: 28330
Title: Drainage Improvements for the Anton Anderson Memorial (Whittier) Tunnel
Region: Central
Place Name: Whittier
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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Program: National Highway System
Primary Work: System Preservation
2013 Election District: 28 South Anchorage
Borough/Census Area: Kenai Peninsula Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement

Sponsor:
PEB Score:
Criteria:
Functional Class: MINOR ARTERIAL
Need ID: 28469  
Title: Community Refuge Trail Project  
Region: Central  
Place Name: Soldotna  
Highway: N/A

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

<table>
<thead>
<tr>
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<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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Program: Federal Lands Access Program  
Primary Work: New Construction  
2013 Election District: 30 Kenai/Soldotna  
Borough/Census Area: Kenai Peninsula Borough  
Municipal Planning Org. (MPO): non-MPO  
Sponsor:  
PEB Score:  
Criteria:  
Functional Class: LOCAL
**2018-2021 Alaska Statewide Transportation Improvement Program**  
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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**Program:** Federal Lands Access Program  
**Primary Work:** Reconstruction  
**2013 Election District:** 25 Abbott  
**Borough/Census Area:** Anchorage, Municipality of  
**Municipal Planning Org. (MPO):** AMATS  
**Performance Measures:** N/A  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MINOR ARTERIAL
**Need ID:** 29115  
**Title:** Sterling Highway Mile Point 20 - 21 (Milepost 57) Erosion Protection  
**Region:** Central  
**Place Name:** Central Region  
**Highway:** Sterling Highway

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

<table>
<thead>
<tr>
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<th>FFY20</th>
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**Program:** National Highway System  
**Primary Work:** System Preservation  
**2013 Election District:** 29 North Kenai  
**Borough/Census Area:** Kenai Peninsula Borough  
**Municipal Planning Org. (MPO):** not identified  
**Performance Measures:** Pavement  
**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** INTERSTATE
Need ID: 29116
Title: Parks Highway Mile Point 54-64 (Milepost 90 to 99) Rehabilitation
Region: Central
Place Name: Central Region
Highway: Parks Highway

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

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Program: National Highway System
Primary Work: System Preservation
2013 Election District: 10 Rural MatSu
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: INTERSTATE
### 2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

**Need ID:** 29730  
**Title:** Seward Highway Dowling Road Interchange Rehabilitation  
**Region:** Central  
**Place Name:** Anchorage  
**Highway:** Seward Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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**Program:** National Highway System  
**Primary Work:** Reconstruction  
**2013 Election District:** 23 Taku  
**Borough/Census Area:** Anchorage, Municipality of  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Safety, Travel Time
**2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019**

**Need ID:** 29731  
**Title:** Seward Highway O’Malley Road to Dimond Boulevard Reconstruction  
**Region:** Central  
**Place Name:** Anchorage  
**Highway:** Seward Highway  

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

<table>
<thead>
<tr>
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<th>FFY20</th>
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**Program:** National Highway System  
**Primary Work:** Reconstruction  
**2013 Election District:** 26 Huffman  
**Borough/Census Area:** Anchorage, Municipality of  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Freight Travel Time, Safety, Travel Time  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** INTERSTATE
**2018-2021 Alaska Statewide Transportation Improvement Program**
**Amendment 4; Approved September 16, 2019**

**Need ID:** 29736  
**Title:** Parks Highway Mile Point 13-18 (MP 48.8 to MP 52.3)  
Pittman Road to Big Lake Road Reconstruction  
**Region:** Central  
**Place Name:** Central Region  
**Highway:** Parks Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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**Program:** National Highway System  
**Primary Work:** New Construction  
**2013 Election District:** 8 Big Lake/Point Mackenzie  
**Borough/Census Area:** Matanuska - Susitna Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Freight Travel Time, Pavement, Safety  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 29737
Title: Parks Highway Bridge Replacement Montana Creek, Sheep Creek, and Goose Creek Bridges
Region: Central
Place Name: Willow
Highway: Parks Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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Program: National Highway System
Primary Work: Bridge Replacement
2013 Election District: 10 Rural MatSu
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge

Sponsor:
PEB Score:
Criteria:
Functional Class: INTERSTATE
Need ID: 29911
Title: Vine Road Improvements Knik-Goosebay Road to Hollywood Blvd.
Region: Central
Place Name: Central Region
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
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Program: Alaska Highway System
Primary Work: System Preservation
2013 Election District: 8 Big Lake/Point Mackenzie
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety, Travel Time

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: MINOR ARTERIAL
**2018-2021 Alaska Statewide Transportation Improvement Program**  
**Amendment 4; Approved September 16, 2019**

**Need ID:** 29913  
**Title:** Sterling Safety Corridor Improvements Mile Point 45 - 58  
(Milepost 82.5 to 94)  
**Region:** Central  
**Place Name:** Soldotna  
**Highway:** Sterling Highway  

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

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<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<th>After2021</th>
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**Program:** National Highway System  
**Sponsor:**  
**Primary Work:** New Construction  
**2013 Election District:** 29 North Kenai  
**Borough/Census Area:** Kenai Peninsula Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Freight Travel Time, Pavement, Safety  
**PEB Score:**  
**Criteria:**  
**Functional Class:** INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 29914
Title: Parks Highway Mile Point 63-128 (Milepost 99 to 163)
Drainage and Culvert Improvements
Region: Central
Place Name: Central Region
Highway: Parks Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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Program: National Highway System
Primary Work: System Preservation
2013 Election District: 10 Rural MatSu
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): not identified
Performance Measures: Pavement

Sponsor:
PEB Score:
Criteria:
Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 29930
Title: Glenn Highway Rehabilitation Long Lake Section: Mile Point 76-85 (Milepost 84.5 to 92)
Region: Central
Place Name: Chickaloon
Highway: Glenn Highway

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

<table>
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<tr>
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<th>FFY20</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety

Sponsor: ____________________________
PEB Score: ____________________________
Criteria: ____________________________
Functional Class: INTERSTATE
Need ID: 29931
Title: Glenn Highway Rehabilitation Mile Point 70-77 (Milepost 79-84.5)
Region: Central
Place Name: Central Region
Highway: Glenn Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<th>After2021</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Freight Travel Time, Safety

Sponsor:
PEB Score:
Criteria: Functional Class: INTERSTATE
Need ID: 30389
Title: Central Region ITS Repair and Upgrade Project
Region: Central
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<td>NHPP</td>
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<td>682,275</td>
<td>682,275</td>
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Program: Required programs and Preventive Maintenance
Primary Work: ITS
2013 Election District: 92 Central Region
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Performance Measures: Safety, Travel Time
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30390
Title: Central Region Adaptive Signal Control
Region: Central
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
<tr>
<td></td>
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<td>Totals</td>
<td></td>
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</table>

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

Need ID: 30395
Title: Central Region Drainage Improvements and Erosion Prevention, Protection and Repair
Region: Central
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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</table>

Program: National Highway System
Primary Work: System Preservation
2013 Election District: 70 MatSu Areawide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement

Sponsor: PEB Score: Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30397
Title: Central Region ADA Compliance Project
Region: Central
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 92 Central Region
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety
Need ID: 30400
Title: Crow Creek Road Mile Point 4-5 (Milepost 4.3 - 4.95)
Region: Central
Place Name: Girdwood
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<tr>
<td>Totals</td>
<td></td>
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<td>0</td>
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</tbody>
</table>

Program: Federal Lands Access Program
Primary Work: Bridge Rehabilitation
2013 Election District: 28 South Anchorage
Borough/Census Area: Anchorage, Municipality of
Municipal Planning Org. (MPO): not identified

Sponsor:
PEB Score:
Criteria:
Functional Class: LOCAL
Need ID: 30549
Title: Kenai Spur Road Rehabilitation Stage 2
Region: Central
Place Name: Soldotna
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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Program: National Highway System
Primary Work: New Construction
2013 Election District: 30 Kenai/Soldotna
Borough/Census Area: Kenai Peninsula Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Freight Travel Time, Safety, Travel Time

Sponsor:
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 30569
Title: Seward Highway Mile Point 76 - 81 (Milepost 77 to 81)
Placer River to Twenty Mile River
Region: Central
Place Name: Anchorage
Highway: Seward Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
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<th>FFY20</th>
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<th>After2021</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 28 South Anchorage
Borough/Census Area: Kenai Peninsula Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety

Sponsor:
PEB Score:
Criteria:
Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30570
Title: Paving Wood River Bridge Approach Roads
Region: Central
Place Name: Aleknagik
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<td>Construction</td>
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<td><strong>Totals:</strong></td>
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</table>

Program: Alaska Highway System
Primary Work: System Preservation
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim
Borough/Census Area: Dillingham
Municipal Planning Org. (MPO): non-MPO
Performance Measures: CMAQ

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: MINOR COLLECTOR
Need ID: 30691  
Title: Seward Highway O'Malley Road to Dimond Boulevard Reconstruction Phase II  
Region: Central  
Place Name: Anchorage  
Highway: Seward Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
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Program: National Highway System  
Primary Work: Reconstruction  
2013 Election District: 26 Huffman  
Borough/Census Area: Anchorage, Municipality of  
Municipal Planning Org. (MPO): AMATS  
Performance Measures: Freight Travel Time, Pavement, Safety  
Sponsor:  
PEB Score:  
Criteria:  
Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 31129
Title: Central Region Maintenance Decision Support System Development
Region: Central
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
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Program: Alaska Highway System
Primary Work: Other
2013 Election District: 92 Central Region
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 31270
Title: Parks Highway: Houston to Willow Rehabilitation
Region: Central
Place Name: Central Region
Highway: Parks Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
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<th>After2021</th>
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</table>

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

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 31274
Title: Glenn Highway: Airport Heights to Parks Highway Rehabilitation
Region: Central
Place Name: Anchorage
Highway: Glenn Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 13 Fort Richardson/North Eagle River
Borough/Census Area: Anchorage, Municipality of
Municipal Planning Org. (MPO): AMATS
Performance Measures: Pavement, Safety
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 31275
Title: Mat-Su Intra-Regional Corridor Study
Region: Central
Place Name: Central Region
Highway: Parks Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</table>

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

Sponsor:                PEB Score:                Criteria:                Functional Class: INTERSTATE
**2018-2021 Alaska Statewide Transportation Improvement Program**
**Amendment 4; Approved September 16, 2019**

**Need ID:** 31276  
**Title:** Old Sterling Highway: Anchor River Bridge Replacement  
**Region:** Central  
**Place Name:** Anchor Point  
**Highway:** N/A

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

---

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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**Program:** National Highway System  
**Primary Work:** Bridge Replacement  
**2013 Election District:** 31 Homer/South Kenai  
**Borough/Census Area:** Kenai Peninsula Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Bridge  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MINOR COLLECTOR
Need ID: 31329  
**Title:** Glenn Highway: South Inner Springer Loop (Cienna Avenue) to Old Glenn Highway  
**Region:** Central  
**Place Name:** Palmer  
**Highway:** Glenn Highway

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

<table>
<thead>
<tr>
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<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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**Program:** National Highway System  
**Primary Work:** New Construction  
**2013 Election District:** 11 Greater Palmer  
**Borough/Census Area:** Matanuska - Susitna Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Pavement, Safety, Travel Time

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** INTERSTATE
Need ID: 31330
Title: Glenn Highway: Parks Highway to South Inner Springer Loop (Cienna Avenue)
Region: Central
Place Name: Palmer
Highway: Glenn Highway

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

<table>
<thead>
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<th>FFY20</th>
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<th>After2021</th>
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<tr>
<td>Utilities SM</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>907,000</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>48,000,000</td>
<td>43,646,400</td>
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</tbody>
</table>

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

Sponsor:
PEB Score:
Criteria:
Functional Class: INTERSTATE
Need ID: 31489
Title: Tundra Ridge Road Realignment
Region: Central
Place Name: Bethel
Highway: N/A

**Project Description:**
Construct Tundra Ridge Road on new alignment that provides a public road connection.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Design</td>
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<td>500,335</td>
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<td>550,000</td>
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</tr>
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</table>

**Program:** Alaska Highway System
**Primary Work:** New Construction
2013 Election District: 38 Lower Kuskokwim
Borough/Census Area: Bethel
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Travel Time

**Sponsor:**
**PEB Score:**
**Criteria:**
**Functional Class:** MINOR COLLECTOR
**Need ID:** 31493  
**Title:** Kings River Bridge Replacement  
**Region:** Central  
**Place Name:** Central Region  
**Highway:** Glenn Highway

**Project Description:**  
Replace Kings River Bridge on Glenn Highway.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
<tr>
<td>Design</td>
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<td>0</td>
<td>454,850</td>
<td></td>
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<tr>
<td><strong>Totals:</strong></td>
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<td><strong>500,000</strong></td>
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<td><strong>1,000,000</strong></td>
<td><strong>10,750,000</strong></td>
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</table>

**Program:** National Highway System  
**Primary Work:** Bridge Replacement  
2013 Election District: 9 Richardson Highway/East MatSu  
**Borough/Census Area:** Matanuska - Susitna Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Pavement  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** INTERSTATE
Need ID: 31496
Title: Anton Anderson Memorial (Whittier) Tunnel
Region: Central
Place Name: Whittier
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
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<td>454,850</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Design</td>
<td>SM</td>
<td>45,150</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Construction</td>
<td>NHPP</td>
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<td>0</td>
<td>4,548,500</td>
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<td>Construction</td>
<td>SM</td>
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<td>0</td>
<td>451,500</td>
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<tr>
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<td>500,000</td>
<td>0</td>
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</table>

Program: National Highway System
Primary Work: System Preservation
2013 Election District: 28 South Anchorage
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement

Sponsor: 
PEB Score:
Criteria: 
Functional Class: MINOR ARTERIAL
**2018-2021 Alaska Statewide Transportation Improvement Program**  
**Amendment 4; Approved September 16, 2019**

**Need ID:** 31847  
**Title:** Bethel Chief Eddie Hoffman Highway Reconstruction  
**Region:** Central  
**Place Name:** Bethel  
**Highway:** N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
<td>SM</td>
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<td>225,750</td>
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<td>0</td>
<td>2,500,000</td>
<td>0</td>
<td>25,000,000</td>
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</table>

**Program:** Alaska Highway System  
**Primary Work:** Reconstruction  
**2013 Election District:** 37 Bristol Bay/Aleutians/Upper Kuskokwim  
**Borough/Census Area:** Bethel  
**Municipal Planning Org. (MPO):** non-MPO  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MAJOR COLLECTOR
### Need ID: 31898

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

**Region:** Central

**Place Name:** Nelson Island

**Highway:** N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-Phase Activity</td>
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<td>Multi-Phase Activity</td>
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<td><strong>Totals:</strong></td>
<td><strong>10,276,835</strong></td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
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</table>

**Program:** Required programs and Preventive Maintenance

**Primary Work:** New Construction

**2013 Election District:** 38 Lower Kuskokwim

**Borough/Census Area:** Bethel

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

**Performance Measures:** N/A

**Sponsor:** Nunakauyarmiut Tribe

**PEB Score:**

**Criteria:**

**Functional Class:** N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 32298
Title: Knik Goose Bay Road Reconstruction Centaur Avenue to Vine Road Stage 1
Region: Central
Place Name: Wasilla
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right of Way</td>
<td>AC</td>
<td>10,916,400</td>
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<td>-10,916,400</td>
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<tr>
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<td>ACC</td>
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<td>0</td>
<td>-10,916,400</td>
<td></td>
</tr>
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<td>Right of Way</td>
<td>NHPP</td>
<td>0</td>
<td>0</td>
<td>10,916,400</td>
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<tr>
<td>Right of Way</td>
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<td>Construction</td>
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<tr>
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<td>0</td>
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<tr>
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<td>0</td>
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<tr>
<td>Utilities</td>
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<td>0</td>
<td>50,000,000</td>
<td>31,839,500</td>
</tr>
</tbody>
</table>

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

Sponsor: ____________________________
PEB Score: ____________________________
Criteria: ____________________________
Functional Class: MAJOR COLLECTOR
**2018-2021 Alaska Statewide Transportation Improvement Program**
**Amendment 4; Approved September 16, 2019**

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
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<th>After2021</th>
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<tbody>
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<tr>
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<td>SFF</td>
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<td>0</td>
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<tr>
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<td>SM</td>
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<td>0</td>
<td>27,090</td>
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<td>0</td>
<td>7,300,000</td>
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</table>

**Program:** Alaska Highway System  
**Primary Work:** Bridge Replacement  
**2013 Election District:** 38 Lower Kuskokwim  
**Borough/Census Area:** Yukon-Koyukuk  
**Municipal Planning Org. (MPO):** non-MPO

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 32300
Title: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 1
Region: Central
Place Name: Kenai
Highway: Sterling Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
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<tr>
<td>Utilities</td>
<td>ACC</td>
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<td>0</td>
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<td>NHPP</td>
<td>0</td>
<td>0</td>
<td>909,700</td>
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<td>Utilities</td>
<td>SM</td>
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</table>

Program: National Highway System
Primary Work: New Construction
2013 Election District: 29 North Kenai
Borough/Census Area: Kenai Peninsula Borough
Municipal Planning Org. (MPO): not identified
Performance Measures: N/A
Sponsor: PEB Score: Criteria: Functional Class:
Need ID: 32319
Title: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 2
Region: Central
Place Name: Kenai
Highway: Sterling Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
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<td>AC</td>
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<td>909,700</td>
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<tr>
<td>Utilities</td>
<td>SM</td>
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<td>90,300</td>
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</table>

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

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: 

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

**Need ID:** 32338  
**Title:** Seward Highway Mile Point 98-105 (Milepost 99-105) Bird and Indian Improvements Stage 2  
**Region:** Central  
**Place Name:** Anchorage  
**Highway:** Seward Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After 2021</th>
</tr>
</thead>
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<tr>
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<td>Construction</td>
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<td>0</td>
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<td>0</td>
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<td>Utilities</td>
<td>NHPP</td>
<td>909,700</td>
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<td>Utilities</td>
<td>SM</td>
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</table>

**Totals:** 37,200,000 0 0 0

**Program:** National Highway System  
**Sponsor:**  
**Primary Work:** New Construction  
**2013 Election District:** 28 South Anchorage  
**Borough/Census Area:** Anchorage, Municipality of  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** N/A
Headquarters & Statewide Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the STIP Manager: Phone: (907) 465-2744 Email: maren.brantner@alaska.gov
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 6446
Title: Annual Planning Work Program
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</thead>
<tbody>
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<tr>
<td>Planning &amp; Research</td>
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<tr>
<td>Planning &amp; Research</td>
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<td>8,372,523</td>
<td>8,372,523</td>
<td>16,745,046</td>
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</tbody>
</table>

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

Sponsor: DOT
PEB Score:
Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

**Need ID:** 6447  
**Title:** Bridge and Tunnel Inventory, Inspection, Monitoring, Preservation, Rehab and Replacement Program  
**Region:** Headquarters  
**Place Name:** Statewide

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-Phase Activity ACC</td>
<td></td>
<td>-315,666</td>
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<td>Multi-Phase Activity SM</td>
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**Program:** Required programs and Preventive Maintenance  
**Sponsor:** DOT  
**Primary Work:** Bridge Rehabilitation  
**PEB Score:**  
**2013 Election District:** 99 Statewide  
**Criteria:**  
**Borough/Census Area:** Various Boroughs  
**Functional Class:** N/A  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Bridge
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
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<td>2,079,806</td>
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Program: Required programs and Preventive Maintenance  
Primary Work: Planning  
2013 Election District: 99 Statewide  
Borough/Census Area: Various Boroughs  
Municipal Planning Org. (MPO): non-MPO

Sponsor: DOT  
PEB Score:  
Criteria:  
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

**Need ID:** 6449  
**Title:** Statewide: Highway Safety Improvement Program Safety Management  
**Region:** Headquarters  
**Place Name:** Statewide  
**Highway:**

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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</table>

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<td>680,000</td>
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</table>

**Program:** Required programs and Preventive Maintenance
**Sponsor:** DOT

**Primary Work:** Planning
**PEB Score:**

**2013 Election District:** 99 Statewide
**Criteria:**

**Borough/Census Area:** Various Boroughs
**Functional Class:** N/A

**Municipal Planning Org. (MPO):** non-MPO
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 6451
Title: Statewide Research Program
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>2,420,000</td>
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</table>

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

Sponsor: DOT
PEB Score:
Criteria:
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

**Need ID:** 6452  
**Title:** National Highway Institute Training  
**Region:** Headquarters  
**Place Name:** Statewide  
**Highway:**

**Project Description:**  
Technical training in engineering, planning, and administration related to federal highway program and funding.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<td>350,000</td>
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</table>

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

Need ID: 6454
Title: Bridge Management System
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</table>

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

Sponsor: DOT
PEB Score:
Criteria:
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

**Need ID:** 6455  
**Title:** Small Hydrologic Investigations  
**Region:** Headquarters  
**Place Name:** Statewide  
**Highway:**

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</table>

**Program:** Required programs and Preventive Maintenance  
**Primary Work:** Planning

**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Safety
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 6457
Title: Seismic Bridge Retrofit Program
Region: Headquarters
Place Name: Statewide
Highway: 

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: Bridge Rehabilitation
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Safety

Sponsor: DOT
PEB Score: 
Criteria: 
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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</table>

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

Sponsor: DOT
PEB Score: 
Criteria: 
Functional Class: N/A
**2018-2021 Alaska Statewide Transportation Improvement Program**
**Amendment 4; Approved September 16, 2019**

**Need ID:** 12259  
**Title:** Recreational Trails Program  
**Region:** Headquarters  
**Place Name:** Statewide  
**Highway:**

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>1,464,937</td>
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</table>

**Program:** Required programs and Preventive Maintenance  
**Primary Work:** Transportation Enhancements  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** non-MPO  

**Sponsor:** DEPT. NATURAL RESOURCES  
**PEB Score:**  
**Criteria:**  
**Functional Class:** N/A
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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>950,000</td>
<td>950,000</td>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: System Preservation
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Sponsor: ADOT&PF
PEB Score:
Criteria:
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
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<th>After2021</th>
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<td><strong>100,000</strong></td>
<td><strong>100,000</strong></td>
<td><strong>100,000</strong></td>
<td><strong>200,000</strong></td>
</tr>
</tbody>
</table>

Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Sponsor: DEPT. REVENUE
PEB Score:
Criteria:
Functional Class: N/A
Need ID: 13239
Title: Culvert Repair or Replace Project
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: System Preservation
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Sponsor: ADOT/PF
PEB Score: 
Criteria: 
Functional Class: Unclassified
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 18330
Title: Strategic Highway Safety Plan
Region: Headquarters
Place Name: Statewide
Highway: 

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</table>

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

Sponsor: DOT&PF
PEB Score: 
Criteria: 
Functional Class: N/A
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
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<td>3,530,000</td>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: Congestion
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: CMAQ

Sponsor: AK Dept. of Environmental Conservation
PEB Score: 999
Criteria: Remote and Trails
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 19119
Title: Enhanced Mobility for Seniors and Individuals With Disabilities
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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</table>

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

Sponsor: DOT&PF
PEB Score:
Criteria: Transit
Functional Class: N/A
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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**Program:** Community Transportation Program
**Primary Work:** Transit
**2013 Election District:** 99 Statewide
**Borough/Census Area:** Various Boroughs
**Municipal Planning Org. (MPO):** non-MPO

**Sponsor:** DOT&PF
**PEB Score:**
**Criteria:** Transit
**Functional Class:** N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 19217
Title: Highway Safety Improvement Program (HSIP)
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: Safety
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety

Sponsor: ADOT/PF
PEB Score: Criteria:
Functional Class: N/A
Need ID: 19634
Title: Track Rehabilitation
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
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</table>

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

Sponsor: Alaska Railroad
PEB Score:
Criteria:
Functional Class: N/A
Project Description:
Bridge engineering and rehabilitation at mainline locations; such as BR 364.7, BR 364.8, BR 369.7, BR 58.7.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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**Program:** Required programs and Preventive Maintenance  
**Sponsor:** Alaska Railroad  
**Primary Work:** Railroad  
**PEB Score:**  
**2013 Election District:** 99 Statewide  
**Criteria:**  
**Borough/Census Area:** Various Boroughs  
**Functional Class:** N/A  
**Municipal Planning Org. (MPO):** non-MPO
Project Description:
This project partially funds statewide operating and maintenance costs related to passenger transit services. Additionally, includes passenger vehicle railcars and locomotives capital rehabilitation to extend functionality and serviceability of the asset.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<td>15,900,000</td>
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</table>

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

Sponsor: Alaska Railroad
PEB Score: 
Criteria: Transit
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
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<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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</table>

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

Sponsor: Alaska Railroad
PEB Score: 
Criteria: Transit
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>17,950,000</td>
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</table>

Program: Required programs and Preventive Maintenance
Sponsor: Alaska Railroad
Primary Work: Railroad
2013 Election District: 99 Statewide
Criteria: Transit
Borough/Census Area: Various Boroughs
Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO
Need ID: 20235
Title: Wideband Multimedia Mobile Emergency Communications Pilot
Region: Headquarters
Place Name: Wasilla
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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</table>

Program: Community Transportation Program
Primary Work: ITS
2013 Election District: 14 Eagle River/Chugach State Park
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety

Sponsor: City of Wasilla
PEB Score: 199
Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 20294
Title: Air Quality Public Education
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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Program: Required programs and Preventive Maintenance
Sponsor: ADEC
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: CMAQ

PEB Score: 199
Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

Project Description:
Passenger equipment rehabilitation.

<table>
<thead>
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<th>Fund</th>
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<th>FFY21</th>
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<tr>
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<td>1,870,000</td>
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Program: Required programs and Preventive Maintenance
Primary Work: Railroad
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Sponsor: Alaska Railroad
PEB Score:
Criteria: Transit
Functional Class: N/A
**2018-2021 Alaska Statewide Transportation Improvement Program**  
**Amendment 4; Approved September 16, 2019**

**Need ID:** 21314  
**Title:** Transit Security Associated Transit Improvements (Transit Enhancement)  
**Region:** Headquarters  
**Place Name:** Statewide  
**Highway:**

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>240,000</td>
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**Program:** Required programs and Preventive Maintenance  
**Primary Work:** Railroad  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** non-MPO  
**Sponsor:** Alaska Railroad  
**PEB Score:**  
**Criteria:**  
**Functional Class:** N/A
American Association of State Highway and Transportation Officials (AASHTO) offers several technical service programs on a voluntary membership basis. This project will support annual ADOT&PF’s federally eligible technical service program memberships as selected by the Commissioner.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</table>

Program: Community Transportation Program  
Primary Work: Planning  
2013 Election District: 99 Statewide  
Borough/Census Area: Various Boroughs  
Municipal Planning Org. (MPO): non-MPO
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 26168
Title: Air Quality Mobile Source Modeling
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified

Sponsor:
PEB Score:
Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 26269
Title: Transportation Asset Management Program
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After 2021</th>
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<tbody>
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Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Sponsor: PEB Score:
Criteria: Functional Class: N/A
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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</table>

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

Sponsor:
Peb Score:
Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 26470
Title: 511 Phone and Web Maintenance & Operations
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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Program: Required programs and Preventive Maintenance
Primary Work: ITS
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 26471
Title: Highway Performance Monitoring System (HPMS) Reporting
Region: Headquarters
Place Name: Statewide
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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Program: Required programs and Preventive Maintenance
Primary Work: ITS
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: N/A
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: ITS
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified
Sponsor: DOT&PF
PEB Score: Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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Program: Required programs and Preventive Maintenance
Primary Work: ITS
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified

Sponsor: DOT&PF
PEB Score: 
Criteria: 
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 27471
Title: Statewide Temperature Data Probe Network
Region: Headquarters
Place Name: Statewide
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: ITS
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified
Performance Measures: Pavement

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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Program: Required programs and Preventive Maintenance  
Primary Work: ITS  
2013 Election District: 99 Statewide  
Borough/Census Area: Various Boroughs  
Municipal Planning Org. (MPO): non-MPO  
Sponsor:  
PEB Score:  
Criteria:  
Functional Class: N/A
Need ID: 27690  
Title: Traffic Data Management and Reporting System  
Region: Headquarters  
Place Name: Statewide  
Highway: N/A  

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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Program: Required programs and Preventive Maintenance  
Primary Work: ITS  
2013 Election District: 99 Statewide  
Borough/Census Area: Various Boroughs  
Municipal Planning Org. (MPO): non-MPO

Sponsor:  
PEB Score:  
Criteria:  
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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Program: Required programs and Preventive Maintenance
Primary Work: Transit
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: N/A
**2018-2021 Alaska Statewide Transportation Improvement Program**

**Amendment 4; Approved September 16, 2019**

**Need ID:** 28129  
**Title:** Road Weather Information System (RWIS) AURORA Pooled Fund  
**Region:** Headquarters  
**Place Name:** Statewide  
**Highway:** N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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**Program:** Required programs and Preventive Maintenance  
**Primary Work:** ITS  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** non-MPO  
**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** N/A
2018-2021 Alaska Statewide Transportation Improvement Program  
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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**Program:** Required programs and Preventive Maintenance  
**Primary Work:** ITS  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** not identified
Need ID: 28310  
Title: 511 Phone and Web Enhancements  
Region: Headquarters  
Place Name: Statewide  
Highway: N/A  

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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Program: Required programs and Preventive Maintenance  
Primary Work: ITS  
2013 Election District: 99 Statewide  
Borough/Census Area: Various Boroughs  
Municipal Planning Org. (MPO): not identified  

Sponsor:  
PEB Score:  
Criteria:  
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

Project Description:
This project will fund marketing Alaska’s 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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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Program: Required programs and Preventive Maintenance
Primary Work: ITS
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified

Sponsor: PEB Score: Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

**Need ID:** 28809  
**Title:** Statewide Highway Data Equipment Acquisition and Installation  
**Region:** Headquarters  
**Place Name:** Statewide  
**Highway:** N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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**Program:** Required programs and Preventive Maintenance  
**Primary Work:** ITS  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** non-MPO  
**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** N/A
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 Alaska's 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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<tbody>
<tr>
<td>Other / Miscellaneous</td>
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Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified

Sponsor: 
PEB Score: 
Criteria: Functional Class: N/A
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
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<td>100,000</td>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: ITS
2013 Election District: 60 Fairbanks Areawide
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): FMATS
Performance Measures: CMAQ

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: N/A
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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</table>

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

Sponsor: Jennifer Anderson
PEB Score:
Criteria:
Functional Class: 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)

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>160,000</td>
<td>165,000</td>
<td>170,000</td>
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### Program:
Required programs and Preventive Maintenance

### Primary Work:
Planning

### 2013 Election District:
99 Statewide

### Borough/Census Area:
Various Boroughs

### Municipal Planning Org. (MPO):
non-MPO
**Need ID:** 30393  
**Title:** Statewide Geotechnical Asset Management Implementation  
**Region:** Headquarters  
**Place Name:** Various  
**Highway:** N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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**Program:** Required programs and Preventive Maintenance  
**Primary Work:** Planning  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** not identified  
**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30398
Title: Electronic Environmental Compliance System
Region: Headquarters
Place Name: Statewide
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<td>250,000</td>
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</table>

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
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<td>540,986</td>
<td>550,912</td>
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<td>5,550,000</td>
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<tr>
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<td>6,100,912</td>
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</table>

**Program:** Transportation Alternatives Program

**Primary Work:** Transportation Enhancements

**2013 Election District:** 99 Statewide

**Borough/Census Area:** Various Boroughs

**Municipal Planning Org. (MPO):** not identified
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

Project Description:
Locomotive equipment rehabilitation.

<table>
<thead>
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<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<tbody>
<tr>
<td>Multi-Phase Activity</td>
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<td>Totals</td>
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<td>125,000</td>
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<td>200,000</td>
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</table>

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

Sponsor:
PEB Score:
Criteria:
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

Project Description:
Transit asset management program development and improvements.

<table>
<thead>
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<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<tbody>
<tr>
<td>Multi-Phase Activity</td>
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<td>550,000</td>
<td>350,000</td>
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<tr>
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<td>2,150,000</td>
<td>200,000</td>
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</tr>
<tr>
<td>Multi-Phase Activity</td>
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</table>

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

Sponsor:
PEB Score:
Criteria:
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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Program: Required programs and Preventive Maintenance
Primary Work: Railroad
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Sponsor: 
Peb Score: 
Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31470
Title: Connected - Autonomous Vehicle Planning
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
Planning and development for autonomous and connected vehicles.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
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Program: Required programs and Preventive Maintenance
Primary Work: ITS
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 31471
Title: McHugh RWIS Tower Upgrade
Region: Headquarters
Place Name: Anchorage
Highway: Seward Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<td>Construction</td>
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</table>

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

Sponsor: 
PEB Score: 
Criteria: Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 31597
Title: Statewide Planning and Environmental Linkages (PEL) Studies Program
Region: Headquarters
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>5,000,000</td>
<td>5,000,000</td>
<td>10,000,000</td>
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</table>

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

Sponsor: 
PEB Score: 
Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

Project Description:
Upgrade/replace train control point signals.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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Program: Required programs and Preventive Maintenance
Primary Work: Railroad
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: N/A
Need ID: 31658  
Title: 4thGen Traveler Information Syst  
Region: Headquarters  
Place Name: Various  
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<tbody>
<tr>
<td>Other / Miscellaneous</td>
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Program: Required programs and Preventive Maintenance  
Primary Work: ITS  
2013 Election District: 99 Statewide  
Borough/Census Area: Various Boroughs  
Municipal Planning Org. (MPO): not identified  
Sponsor:  
PEB Score:  
Criteria:  
Functional Class: N/A
Need ID: 31899
Title: Alaska DOT Civil Rights Disparity Study
Region: Headquarters
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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</tr>
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<tbody>
<tr>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 31918
Title: Pavement Design Software Upgrade
Region: Headquarters
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
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Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified
Performance Measures: N/A

Sponsor: PEB Score: Criteria: Functional Class:
Need ID: 31919  
Title: Environmental Program Implementation Support  
Region: Headquarters  
Place Name: Various  
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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</table>

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

Sponsor:  
PEB Score:  
Criteria:  
Functional Class:
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 31920
Title: AASHTOWare Implementation
Region: Headquarters
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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<td>2,500,000</td>
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Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<td>Totals:</td>
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Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: 
Need ID: 32318  
Title: Implement Intelligent Compaction Rollers and Paver Mounted Thermal Profilers  
Region: Headquarters  
Place Name: Various  
Highway: N/A  

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

<table>
<thead>
<tr>
<th>Phase</th>
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<th>FFY20</th>
<th>FFY21</th>
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Program: Required programs and Preventive Maintenance  
Primary Work: ITS  
2013 Election District: 99 Statewide  
Borough/Census Area: Various Boroughs  
Municipal Planning Org. (MPO): non-MPO  
Performance Measures: N/A  

Sponsor:  
PEB Score:  
Criteria:  
Functional Class:
**2018-2021 Alaska Statewide Transportation Improvement Program**

**Amendment 4; Approved September 16, 2019**

**Need ID:** 32321  
**Title:** Statewide Long Range Transportation Policy Plan 2045 & State Freight Plan  
**Region:** Headquarters  
**Place Name:** Various  
**Highway:** N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
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<tr>
<td>Planning &amp; Research</td>
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<td><strong>Totals:</strong></td>
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**Program:** Required programs and Preventive Maintenance  
**Primary Work:** Planning  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** N/A
**Project Description:**
This project entails the implementation of and updates to the State of Alaska DOT&PF Federal Aid System(s) to meet regulatory requirements, processes, best practices, and guidance. The Federal Aid system is used to compile all project data into a federally recognized format, syntax, and meeting all federal requirements for reimbursement. Implementation work includes, but is not limited to, system workflows, automation and interfacing, data & analytics, business and regulatory rules and scrubbing, etc.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td><strong>100,000</strong></td>
<td><strong>150,000</strong></td>
<td><strong>300,000</strong></td>
<td><strong>150,000</strong></td>
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**Program:** Required programs and Preventive Maintenance  
**Primary Work:** Planning  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** not identified  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** N/A
Need ID: 32478
Title: FFY19-21 ADA Implementation and Compliance Monitoring
Region: Headquarters
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>0</td>
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Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A
Northern Region Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the Northern Region Planner: Phone: (907) 451-2252 Email: margaret.carpenter@alaska.gov
Need ID: 2118
Title: Richardson Highway Mile Point 161-170 (Milepost 159-167) Reconstruction
Region: Northern
Place Name: Northern Region
Highway: Richardson Highway

Project Description:
Widen and reconstruct to current standards.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<td>36,388,000</td>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): not identified
Performance Measures: Pavement, Safety

Sponsor: DOT&PF
PEB Score: 
Criteria: 
Functional Class: MINOR ARTERIAL
Need ID: 2119
Title: Richardson Highway Mile Point 169-176 (Milepost 167 - 173) Access/Safety Improvements
Region: Northern
Place Name: Northern Region
Highway: Richardson Highway

Project Description:
Widen and reconstruct to current standards.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td><strong>30,000,000</strong></td>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): not identified
Performance Measures: Pavement, Safety

Sponsor: DOT&PF
PEB Score: 
Criteria: 
Functional Class: MINOR ARTERIAL
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 2130
Title: Richardson Highway Mile Point 354-359 (Milepost 353-357) Access/Safety Improvements
Region: Northern
Place Name: Fairbanks
Highway: Richardson Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 5 Chena Ridge/Airport
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): FMATS
Performance Measures: Bridge, Pavement, Safety

Sponsor: DOT&PF
Criteria:
Functional Class: INTERSTATE
**2018-2021 Alaska Statewide Transportation Improvement Program**  
**Amendment 4; Approved September 16, 2019**

**Need ID:** 3648  
**Title:** Steese Highway Mile Point 122-123 (Milepost 128)  
Crooked Creek Bridge Replacement  
**Region:** Northern  
**Place Name:** Central  
**Highway:** Steese Highway

**Project Description:**  
Replace Crooked Creek Bridge #0431 on the Steese Highway.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
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<th>After2021</th>
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<td>Design</td>
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**Totals:** 0 0 500,000 3,600,000

**Program:** Alaska Highway System  
**Primary Work:** Bridge Replacement  
**2013 Election District:** Eielson/Denali/Upper Yukon/Border Region  
**Borough/Census Area:** Yukon-Koyukuk  
**Municipal Planning Org. (MPO):** non-MPO  
**Sponsor:** DOT&PF  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 3687
Title: Shageluk Airport Access Road Improvements
Region: Northern
Place Name: Shageluk
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>Construction</td>
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Program: Community Transportation Program
Primary Work: Reconstruction
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim
Borough/Census Area: Yukon-Koyukuk
Municipal Planning Org. (MPO): non-MPO

Sponsor: Shageluk City Council
PEB Score: 133.3
Criteria: Remote and Trails
Functional Class: MINOR COLLECTOR
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.

<table>
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<tr>
<th>Phase</th>
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<th>FFY20</th>
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<td>1,091,640</td>
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<td>1,800,000</td>
<td>5,900,000</td>
<td>0</td>
<td>11,775,590</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other / Miscellaneous</td>
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<td>324,000</td>
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<td>Other / Miscellaneous</td>
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<td>360,000</td>
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<td>720,000</td>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: Safety
2013 Election District: 60 Fairbanks Areawide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Sponsor: DOT&PF
PEB Score:
Criteria: Functional Class: N/A
Need ID: 6617
Title: Shepard Point Road
Region: Northern
Place Name: Cordova
Highway: 

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

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

Program: Community Transportation Program
Primary Work: New Construction
2013 Election District: 32 Kodiak/Cordova/Seldovia
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): non-MPO

Sponsor: 
PEB Score: 199
Criteria: Urban and Rural
Functional Class: N/A
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<td></td>
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<td>0</td>
<td>9,000,000</td>
</tr>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 5 Chena Ridge/Airport
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): FMATS
Performance Measures: CMAQ, Pavement, Safety

Sponsor: DOT&PF
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 16177
Title: Barrow-Ahkovak Street Upgrade
Region: Northern
Place Name: Barrow
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
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<td>0</td>
<td>7,146,000</td>
<td>0</td>
<td>6,500,716</td>
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</table>

Program: Community Transportation Program
Primary Work: System Preservation
2013 Election District: 40 Arctic
Borough/Census Area: North Slope Borough
Municipal Planning Org. (MPO): not identified

Sponsor:
PEB Score:
Criteria: Remote and Trails
Functional Class: MINOR ARTERIAL
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

**Need ID:** 17662  
**Title:** FMATS CTP Program Allocation  
**Region:** Northern  
**Place Name:** Fairbanks  
**Highway:**

**Project Description:**  
FMATS CTP Program Allocation. See FMATS TIP for projects.

<table>
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<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
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<td>SM</td>
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<td>382,971</td>
<td>392,545</td>
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<tr>
<td>Multi-Phase Activity</td>
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<td>7,716,256</td>
<td>7,909,163</td>
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<td>8,482,198</td>
<td>8,694,253</td>
<td>16,146,956</td>
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<table>
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<tr>
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<th>Sponsor: DOT&amp;PF</th>
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<tr>
<td><strong>Primary Work:</strong> System Preservation</td>
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<td><strong>2013 Election District:</strong> 5 Chena Ridge/Airport</td>
<td><strong>Criteria:</strong></td>
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<td><strong>Borough/Census Area:</strong> Fairbanks North Star Borough</td>
<td><strong>Functional Class:</strong> N/A</td>
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<td><strong>Municipal Planning Org. (MPO):</strong> FMATS</td>
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</table>
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<td>800,000</td>
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Program: Required programs and Preventive Maintenance
Primary Work: Congestion
2013 Election District: 5 Chena Ridge/Airport
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): FMATS
Performance Measures: CMAQ
Sponsor: DOT&PF
PEB Score: 999
Criteria:
Functional Class: N/A
**Need ID:** 18634  
**Title:** Kotzebue Cape Blossom Road  
**Region:** Northern  
**Place Name:** Kotzebue  
**Highway:**

**Project Description:**  
Construct a new road from Kotzebue to a port site near Cape Blossom.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>22,385,599</td>
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</table>

**Program:** Community Transportation Program  
**Sponsor:** City of Kotzebue  
**Primary Work:** New Construction  
**PEB Score:** 199  
**2013 Election District:** 40 Arctic  
**Borough/Census Area:** Northwest Arctic Borough  
**Criteria:**  
**Municipal Planning Org. (MPO):** non-MPO  
**Functional Class:** N/A
Need ID: 18923
Title: Pavement and Bridge Rehabilitation
Region: Northern
Place Name: Northern Region
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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<td>STP</td>
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Program: Required programs and Preventive Maintenance
Primary Work: System Preservation
2013 Election District: 60 Fairbanks Areawide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement
Need ID: 22298
Title: Alaska Highway Mile Point 85-86 (Milepost 1309) Tok River Bridge Replacement
Region: Northern
Place Name: Northern Region
Highway: Alaska Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
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<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Program: National Highway System
Primary Work: Bridge Replacement
2013 Election District: Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Southeast Fairbanks
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety

Sponsor: DOT&PF
PEB Score: 
Criteria: Functional Class: INTERSTATE
Need ID: 22299
Title: Alaska Highway Mile Point 12-45 (Milepost 1235 -1268) Rehabilitation
Region: Northern
Place Name: Northern Region
Highway: Alaska Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>30,000,000</td>
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</table>

Program: National Highway System
Primary Work: System Preservation
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Southeast Fairbanks
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety

Sponsor: DOT&PF
PEB Score:
Criteria:
Functional Class: INTERSTATE
**2018-2021 Alaska Statewide Transportation Improvement Program**

**Amendment 4; Approved September 16, 2019**

**Need ID:** 22315  
**Title:** Alaska Highway Passing Lanes Mile Point 0-198 (Milepost 1221-1422) (Canadian Border to Delta Jct)  
**Region:** Northern  
**Place Name:** Northern Region  
**Highway:** Alaska Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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<td>0</td>
<td>25,000,000</td>
</tr>
</tbody>
</table>

**Program:** National Highway System  
**Primary Work:** New Construction  
**2013 Election District:** 6 Eielson/Denali/Upper Yukon/Border Region  
**Borough/Census Area:** Southeast Fairbanks  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Pavement, Safety, Travel Time

**Sponsor:** DOT&PF  
**PEB Score:**  
**Criteria:**  
**Functional Class:** INTERSTATE
Need ID: 22325
Title: Alaska Highway Mile Point 156-157 (Milepost 1381) Johnson River Bridge Replacement (#0518)
Region: Northern
Place Name: Northern Region
Highway: Alaska Highway

Project Description:
Replace the Johnson River Bridge on the Alaska Hwy.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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</table>

Program: National Highway System
Primary Work: Bridge Replacement
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Southeast Fairbanks
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety

Sponsor: DOT&PF
PEB Score: 
Criteria: 
Functional Class: INTERSTATE
Need ID: 22331
Title: Parks Highway Mile Point 127-148 (Milepost 163-183) Rehabilitation
Region: Northern
Place Name: Northern Region
Highway: Parks Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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</table>

Program: National Highway System
Primary Work: System Preservation
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety

Sponsor: DOT&PF
PEB Score: 
Criteria: 
Functional Class: INTERSTATE
Need ID: 22333
Title: Parks Highway Mile Point 203-228 (Milepost 239-263)
Reconstruction (Nenana Canyon to Bear Creek)
Region: Northern
Place Name: Northern Region
Highway: Parks Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
<tr>
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<td>0</td>
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<td>0</td>
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</tbody>
</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Denali Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety

Sponsor: DOT&PF
PEB Score: 
Criteria: 
Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 22335
Title: Parks Highway Mile Point 269-290 (Milepost 305-325) Reconstruction
Region: Northern
Place Name: Nenana
Highway: Parks Highway

Project Description:
Reconstruct the Parks Highway including drainage improvements, passing lanes, and replacement of Little Goldstream Creek Bridge No. 678.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Yukon-Koyukuk
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor: DOT&PF
PEB Score: 
Criteria: 
Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 22441
Title: Steese Highway and 3rd Street Widening
Region: Northern
Place Name: Fairbanks
Highway:

Project Description:
Reconstruct and widen 3rd Street between Hamilton/Farewell and the Minnie Street Bridge (#0295). Work will include turn lanes and signalization improvements at the new Steese Expressway intersection.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 2 Fairbanks/Wainwright
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): FMATS
Performance Measures: CMAQ, Pavement, Safety

Sponsor: DOT&P
PEB Score: 
Criteria: 
Functional Class: MINOR ARTERIAL
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 22446
Title: Dalton Highway Mile Point 17-38 (Milepost 18-37)
Reconstruction (Hess Creek Area)
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway

Project Description:
Reconstruction, including widening, spot repairs and resurfacing
of approximately 19 miles of the Dalton Highway in the Hess
Creek Area. This is the overall design for the entire termini.
Construction will happen in two stages under NID 30285 and this
original NID 22446.

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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Yukon-Koyukuk
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety, Travel Time

Sponsor: DOT&PF
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
**2018-2021 Alaska Statewide Transportation Improvement Program**
**Amendment 4; Approved September 16, 2019**

**Need ID:** 22452  
**Title:** Dalton Hwy Mile Point 109-145 (Milepost 109-144)  
Reconstruction (Old Man Camp to Jim River Bridge#3)  
**Region:** Northern  
**Place Name:** Northern Region  
**Highway:** Dalton Highway

**Project Description:**  
Reconstruction, including widening, spot repairs and resurfacing of approximately 35 miles of the Dalton Highway. Also includes replacing Douglas Creek Bridge #1560. This is the overall design for the entire termini. Construction will happen in 3 stages: NID 30276, NID 30270 and the final segment of construction including bridge #1560 under this NID 22452.

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**Program:** National Highway System  
**Sponsor:** DOT&PF  
**Primary Work:** Reconstruction  
**PEB Score:**  
**2013 Election District:** 40 Arctic  
**Criteria:**  
**Borough/Census Area:** Yukon-Koyukuk  
**Functional Class:** PRINCIPAL ARTERIAL - OTHER  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Bridge, Pavement, Safety
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 22453
Title: Dalton Highway Mile Point 0-10 (Milepost 0-9) Reconstruction (Livengood to 9 Mile Hill)
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway

Project Description:
Reconstruct the Dalton Hwy to improve substandard sections. This project is the initial stage of a large scale effort to reconstruct critical segments of this highway prior to construction of the proposed natural gas pipeline.

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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Yukon-Koyukuk
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor: DOT&PF
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
**2018-2021 Alaska Statewide Transportation Improvement Program**  
**Amendment 4; Approved September 16, 2019**

**Need ID:** 22475  
**Title:** Dalton Highway Mile Point 306-337 (Milepost 305-335) Reconstruction (Sag Camp to Happy Valley)  
**Region:** Northern  
**Place Name:** Northern Region  
**Highway:** Dalton Highway

**Project Description:**  
Reconstruction, including widening, repair, resurfacing and enhancements to 30 miles of road. This is the overall design for the entire termini. Construction will happen in 3 stages: NID 30281, NID 30282 and this original NID 22475.

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**Program:** National Highway System  
**Primary Work:** Reconstruction  
**2013 Election District:** 40 Arctic  
**Borough/Census Area:** North Slope Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Bridge, Pavement, Safety  
**Sponsor:** DOT&PF  
**PEB Score:**  
**Criteria:**  
**Functional Class:** PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 22476
Title: Dalton Highway Mile Point 210-238 (Milepost) 209-235 Reconstruction (Dietrich to Chandalar Shelf)
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway

Project Description:
Reconstruction, including widening, spot repairs, resurfacing, replacing Owen Creek culvert #4049 and Nutirwik Creek bridge #1515. (This is the parent design for the overall termini. Segment one construction is under NID 30277. Segment two is under NID 22476.)

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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 40 Arctic
Borough/Census Area: North Slope Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety
Sponsor: DOT&PF
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 22480
Title: Dalton Highway Mile Point 290-307 (MP 289-305) Rehabilitation (Kuparuk to Sag Camp)
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway

Project Description:
Rehabilitate and widen the Dalton Highway including minor realignments and grade raises. Construct turnouts and snowdrift mitigation features.

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<th>Phase</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 40 Arctic
Borough/Census Area: North Slope Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor: DOT&PF
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 22481  
Title: Dalton Highway Mile Point 363-417 (Milepost 362-414) Reconstruction (Pump 2 to Deadhorse)  
Region: Northern  
Place Name: Northern Region  
Highway: Dalton Highway  

Project Description:  
Reconstruct and pave 52 miles of the Dalton Highway. This corridor will be reconstructed in four segments: NID 29449, 29450, 29451, and the last stage of work will be to pave the entire project corridor under this NID.

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Program: National Highway System  
Primary Work: Reconstruction  
2013 Election District: 40 Arctic  
Borough/Census Area: North Slope Borough  
Municipal Planning Org. (MPO): non-MPO  
Performance Measures: Pavement, Safety

Sponsor: DOT&PF  
PEB Score:  
Criteria:  
Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 23657
Title: Nulato Airport Access Road Improvements
Region: Northern
Place Name: Nulato
Highway:

Project Description:
Rehabilitate the Nulato Airport Access Road and Mukluk Creek Bridge #1382.

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Program: Community Transportation Program
Primary Work: Bridge Replacement
2013 Election District: 39 Bering Straits/Yukon Delta
Borough/Census Area: Yukon-Koyukuk
Municipal Planning Org. (MPO): non-MPO

Sponsor: DOT&PF
PEB Score:
Criteria:
Functional Class: MINOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 23675
Title: Selawik Barge Landing Access Road and Boardwalk Improvements
Region: Northern
Place Name: Selawik
Highway:

Project Description:
Rehabilitate the existing barge landing access road, construct a new gravel barge staging pad, install lighting, and replace sections of existing boardwalk. Will also include rehabilitation of the utility crossing at the land fill.

<table>
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Program: Community Transportation Program
Primary Work: Reconstruction
2013 Election District: 40 Arctic
Borough/Census Area: Northwest Arctic Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor: Selawik IRA
PEB Score:
Criteria:
Functional Class: LOCAL
Need ID: 24518
Title: Elliott Highway Mile Point 0-12 (Milepost 0-12) Rehabilitation (Fox to Haystack)
Region: Northern
Place Name: Northern Region
Highway: Elliott Highway

Project Description:
Rehabilitation, restoration and resurfacing. Also includes shoulder widening in selected areas.

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Program: National Highway System
Primary Work: System Preservation
2013 Election District: 4 Western Fairbanks
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor: DOT&PF
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
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.

<table>
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Program: Community Transportation Program
Primary Work: Bridge Replacement
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Yukon-Koyukuk
Municipal Planning Org. (MPO): non-MPO
Sponsor: Goldstream Community Association
PEB Score:
Criteria:
Functional Class: LOCAL
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 25596
Title: Rosie Creek Road Improvements
Region: Northern
Place Name: Fairbanks
Highway:

Project Description:
Improve Rosie Creek Road from Chena Ridge to Becker Ridge, to include alignment, shoulder work, repair and overlay of pavement, and improving the intersection at Chena Ridge.

<table>
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Program: Community Transportation Program
Primary Work: Reconstruction
2013 Election District: 5 Chena Ridge/Airport
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety

Sponsor:  
PEB Score: 293
Criteria: Urban and Rural
Functional Class: MINOR COLLECTOR
Project Description:
Construct a paved bicycle/pedestrian path on the Richardson Highway starting from the Richardson Highway/Airport Way intersection, continuing along the Richardson Highway to the Badger Loop North Bound Ramp, and terminating at the Badger Road/Old Richardson Highway intersection.

<table>
<thead>
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Program: Trails and Recreational Access for Alaska
Primary Work: New Construction
2013 Election District: 2 Fairbanks/Wainwright
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: CMAQ

Sponsor:
PEB Score: 341
Criteria: TRAAK
Functional Class: INTERSTATE
### Project Description:
Widen and resurface the existing Port Road, including but not limited to: drainage improvements, safety improvements and pedestrian facilities.

### Phase-wise Fund Allocation:

<table>
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<th>Phase</th>
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<td>STP</td>
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### Program Details:
- **Program:** Community Transportation Program
- **Primary Work:** Reconstruction
- **2013 Election District:** 39 Bering Straits/Yukon Delta
- **Borough/Census Area:** Nome
- **Municipal Planning Org. (MPO):** non-MPO
- **Sponsor:**
  - **PEB Score:** 288
  - **Criteria:** Urban and Rural
  - **Functional Class:** MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 26076
Title: Aurora Drive-Noyes Slough Bridge Replacement
Region: Northern
Place Name: Fairbanks
Highway: N/A

Project Description:
Replace the Noyes Slough Bridge on Aurora Drive in Fairbanks.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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Program: Community Transportation Program
Primary Work: Bridge Rehabilitation
2013 Election District: 1 Downtown Fairbanks
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): FMATS

Sponsor: PEB Score: Criteria: Functional Class: MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 26080
Title: Gold Mine Trail Road Upgrade
Region: Northern
Place Name: Fairbanks
Highway:

Project Description:
Upgrade and pave approximately 4,750 feet of Gold Mine Trail and replace guardrail. Realign two 90 degree turns as it approaches the Steese Highway with possible realignment of the intersection with the Steese.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
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Program: Community Transportation Program
Primary Work: Reconstruction
2013 Election District: 4 Western Fairbanks
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor: 
PEB Score: 356
Criteria: Urban and Rural

Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 26081
Title: Selawik Footbridge Rehabilitation
Region: Northern
Place Name: Selawik
Highway:

Project Description:
Rehabilitate East Fork Footbridge #1292 and West Fork Footbridge #1401. Work will include repair or replacement of surface boards, install a traction system, repair railing on the access ramps, repair steel cross bracing, and foundation repairs.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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Program: Community Transportation Program
Primary Work: Bridge Rehabilitation
2013 Election District: 40 Arctic
Borough/Census Area: Northwest Arctic Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor:
PEB Score: 370
Criteria: Remote and Trails
Functional Class: LOCAL
**2018-2021 Alaska Statewide Transportation Improvement Program**
Amendment 4; Approved September 16, 2019

**Need ID:** 26082  
**Title:** Old Steese Highway Reconstruction  
**Region:** Northern  
**Place Name:** Fairbanks  
**Highway:**

**Project Description:**  
Reconstruct the Old Steese Highway from Wendell Street Bridge to the intersection at Johansen Expressway.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY21</th>
<th>After2021</th>
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**Totals:**  
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- **Program:** Community Transportation Program  
- **Primary Work:** Reconstruction  
- **2013 Election District:** 4 Western Fairbanks  
- **Borough/Census Area:** Fairbanks North Star Borough  
- **Municipal Planning Org. (MPO):** non-MPO  
- **Performance Measures:** Safety

- **Sponsor:**  
  - **PEB Score:** 369  
  - **Criteria:** Urban and Rural  
  - **Functional Class:** MINOR ARTERIAL
Need ID: 26085  
Title: Nome Seppala Drive Rehabilitation  
Region: Northern  
Place Name: Nome  
Highway:  

Project Description: 
Realign and rehabilitate Seppala Drive in Nome from the intersection of Bering Street to the intersection of Airport Terminal Road.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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Program: Community Transportation Program  
Primary Work: Reconstruction  
2013 Election District: 39 Bering Straits/Yukon Delta  
Borough/Census Area: Nome  
Municipal Planning Org. (MPO): non-MPO  

Sponsor:  
PEB Score: 349  
Criteria: Urban and Rural  
Functional Class: MINOR ARTERIAL
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.

<table>
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<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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Program: Community Transportation Program
Primary Work: Reconstruction
2013 Election District: 39 Bering Straits/Yukon Delta
Borough/Census Area: Nome
Municipal Planning Org. (MPO): not identified
Sponsor:
PEB Score: 349
Criteria: Urban and Rural
Functional Class: MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 26156
Title: Nome Center Creek Road Rehabilitation
Region: Northern
Place Name: Nome
Highway:

Project Description:
Rehabilitate Center Creek Road in Nome from Seppala Drive to Nome-Teller Hwy, including realignment of Center Creek Road and FAA/Doyle Road intersections. Rehabilitation includes resurfacing, drainage improvements, re-shape, pave, install signage and road markers.

<table>
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Program: Community Transportation Program
Primary Work: System Preservation
2013 Election District: 39 Bering Straits/Yukon Delta
Borough/Census Area: Nome
Municipal Planning Org. (MPO): not identified

Sponsor:
PEB Score: 335
 Criteria: Urban and Rural
Functional Class: LOCAL
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 26157
Title: Parks Highway Mile Point 195-196 (Milepost 231) Enhancements
Region: Northern
Place Name: Northern Region
Highway: Parks Highway

Project Description:
Construct dedicated pedestrian facilities at McKinley Village, including intersection improvements, a rest area, and trail and pedestrian facility connections and replacing the Nenana River Park Boundary Bridge #0694.

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Program: National Highway System
Primary Work: Transportation Enhancements
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Denali Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: CMAQ, Pavement, Safety

Sponsor: PEB Score:
Criteria: Functional Class: INTERSTATE
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<th>After2021</th>
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Program: Required programs and Preventive Maintenance
Primary Work: Congestion
2013 Election District: 5 Chena Ridge/Airport
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): non-MPO
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 27010
Title: Northern Region Signal Interconnect
Region: Northern
Place Name: Northern Region
Highway:

Project Description:
Improve capabilities of the Northern Region to communicate with signals, allowing for troubleshooting, signal timing modifications, and monitoring at single/multiple location(s). Project will include upgrades at NR Headquarters and incorporate improvements to interconnecting communication systems (for security and reliability), controller upgrades, signal timing plans, and other related items. Provide any related items and Training, Maintenance, and Operational funding as allowed by ITS.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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Program: Community Transportation Program
Primary Work: ITS
2013 Election District: 60 Fairbanks Areawide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: CMAQ

Sponsor: 
PEB Score: 
Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 27049
Title: Whitshed Road and Pedestrian Improvements
Region: Northern
Place Name: Cordova
Highway:

Project Description:
Provide pedestrian accommodations along Whitshed Road from the intersection with the Copper River Highway to the intersection with Orca Inlet Drive. Approximately .75 miles in length.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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Program: Community Transportation Program
Primary Work: New Construction
2013 Election District: 32 Kodiak/Cordova/Seldovia
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): non-MPO

Sponsor: City of Cordova
PEB Score:
Criteria:
Functional Class: MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 27524
Title: Denali Highway Mile Point 24-25 (Milepost 22) Rock Creek Bridge Replacement
Region: Northern
Place Name: Northern Region
Highway: Denali Highway

Project Description:
Replace Rock Creek Bridge #0684 on the Denali Highway.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</tr>
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</table>

Program: Alaska Highway System
Primary Work: Bridge Replacement
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Unorganized Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor:
PEB Score:
Criteria:
Functional Class: MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 27525
Title: McCarthy Road Mile Point 60-61 (Milepost 27) Chokosna River Bridge Replacement
Region: Northern
Place Name: Northern Region
Highway: Edgerton Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
<tr>
<td>Design</td>
<td>SM</td>
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Program: Alaska Highway System
Primary Work: Bridge Replacement
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): non-MPO

Sponsor:
PEB Score:
Criteria:
Functional Class: MAJOR COLLECTOR
Need ID: 27542
Title: Chena Hot Springs Road Mile Point 0-6 (Milepost 0 to 6) Rehabilitation
Region: Northern
Place Name: Fairbanks
Highway: N/A

Project Description:
Rehabilitate Chena Hot Springs Road.

<table>
<thead>
<tr>
<th>Phase</th>
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<th>FFY20</th>
<th>FFY21</th>
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</table>

Program: Alaska Highway System
Primary Work: System Preservation
2013 Election District: 60 Fairbanks Areawide
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): FMATS

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: MINOR ARTERIAL
Projects:

**Title:** Richardson Highway Mile Point 360-361 (Milepost 359) Railroad Grade Separated Facility

**Region:** Northern

**Place Name:** Fairbanks

**Highway:** Richardson Highway

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

<table>
<thead>
<tr>
<th>Phase</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</table>

**Program:** National Highway System

**Primary Work:** New Construction

**2013 Election District:** 2 Fairbanks/Wainwright

**Borough/Census Area:** Fairbanks North Star Borough

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

**Performance Measures:** CMAQ, Safety
Need ID: 28109
Title: Kivalina Evacuation and School Site Access Road and Bridge
Region: Northern
Place Name: Kivalina
Highway: N/A

Project Description:
Construct an access road to the new Kivalina school site near Kisimiguiuqtuq Hill. This is the overall design for the entire project. The construction will be delivered in two stages under NID 31778 and this NID 28109. This final stage of construction will include approaches and new bridge #2344 in the Kivalina lagoon to connect Kivalina barrier island to the mainland evacuation road.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
<tr>
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Program: Community Transportation Program
Primary Work: New Construction
2013 Election District: 40 Arctic
Borough/Census Area: Northwest Arctic Borough
Municipal Planning Org. (MPO): non-MPO
**2018-2021 Alaska Statewide Transportation Improvement Program**  
**Amendment 4; Approved September 16, 2019**

**Need ID:** 28429  
**Title:** Parks Highway Mile Point 147-157 (Milepost 183-192) Reconstruction  
**Region:** Northern  
**Place Name:** Northern Region  
**Highway:** Parks Highway

**Project Description:**  
Reconstruct the Parks Highway and replace the East Fork Chulitna River Bridge #0260.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
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<th>After2021</th>
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<tbody>
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</table>

**Program:** National Highway System  
**Primary Work:** Reconstruction  
**2013 Election District:** 9 Richardson Highway/East MatSu  
**Borough/Census Area:** Matanuska - Susitna Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Bridge, Pavement, Safety

**Sponsor:** DOT&PF  
**PEB Score:**  
**Criteria:**  
**Functional Class:** INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 29232
Title: Committed Measures for the Fairbanks SIP
Region: Northern
Place Name: Fairbanks
Highway: N/A

Project Description:
This project is to fund committed measures identified in the Fairbanks SIP that addresses the Fairbanks PM2.5 non-attainment.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>1,900,000</td>
<td>1,900,000</td>
<td>3,800,000</td>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: Congestion
2013 Election District: 5 Chena Ridge/Airport
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): not identified

Sponsor: PEB Score:
Criteria: Functional Class: N/A
**2018-2021 Alaska Statewide Transportation Improvement Program**  
**Amendment 4; Approved September 16, 2019**

**Need ID:** 29651  
**Title:** Chena Hot Springs Road Jenny M Creek Bridge Replacement  
**Region:** Northern  
**Place Name:** Fairbanks  
**Highway:** N/A

**Project Description:**  
Replace the Jenny M Creek bridge #312 on Chena Hot Springs Road.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td><strong>Totals:</strong></td>
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</tr>
</tbody>
</table>

**Program:** Alaska Highway System  
**Primary Work:** Bridge Replacement  
**2013 Election District:** 6 Eielson/Denali/Upper Yukon(Border Region  
**Borough/Census Area:** Fairbanks North Star Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MAJOR COLLECTOR
Need ID: 29655
Title: University Ave Rehabilitation: Thomas St to Chena River (Segment I)
Region: Northern
Place Name: Fairbanks
Highway: N/A

Project Description:
Widen and reconstruct University Avenue to current standards from Thomas Street to the Chena River, including replacement of University Ave Bridge #0263. This project is associated with NIDs 29656, 31155, 31577, 31578, and the parent design project NID 3821.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
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<td>21,000,000</td>
</tr>
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</table>

Program: National Highway System
Primary Work: System Preservation
2013 Election District: 5 Chena Ridge/Airport
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): not identified
Performance Measures: Bridge, Pavement, Safety

Sponsor:
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 29656
Title: University Ave Rehabilitation: Chena River to Parks Highway (Segment II)
Region: Northern
Place Name: Fairbanks
Highway: N/A

Project Description:
Widen and reconstruct University Avenue to current standards from the Chena River to the Parks Highway. This project is associated with NID 29655, 31155, 31577, 31578, and the parent design project NID 3821.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 5 Chena Ridge/Airport
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): not identified
Performance Measures: Pavement, Safety

Sponsor:
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
Project Description:
Install five Road Weather Information System (RWIS) sites throughout the region to support the Northern Region Maintenance Decision Support System (MDSS). Upgrade existing temperature data probe equipment and communications to full RWIS reporting capability. The RWIS information will be available directly to the MDSS program and will be posted on the 511 traveler information and RWIS web sites.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: ITS
2013 Election District: 93 Northern Region
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): non-MPO
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 29809
Title: Richardson Highway Mile Point 175-188 (Milepost 173-185) Reconstruction & Widening
Region: Northern
Place Name: Various
Highway: Richardson Highway

Project Description:
Reconstruct and widen the Richardson Highway.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
<tr>
<td>Design</td>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor: 
PEB Score: 
Criteria: Functional Class: MINOR ARTERIAL
Need ID: 29810
Title: Richardson Highway Mile Point 208-238 (Milepost 206-235) Reconstruction & Bridge Replace
Region: Northern
Place Name: Various
Highway: Richardson Highway

Project Description:
Reconstruct the Richardson Highway including replacement of Upper Miller Creek Bridge #0581, Lower Miller Creek Bridge #0582, Castner Creek Bridge #0583 and Bear Creek Bridge #0593. This project will be constructed in four stages, under NID 31282, NID 31283, NID 31284, and this NID 29810.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Southeast Fairbanks
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety

Sponsor:
PEB Score:
Criteria:
Functional Class: MINOR ARTERIAL
Need ID: 29811
Title: Richardson Highway Mile Point 268-343 (Milepost 266-341) Passing Lanes (Delta Jct to Eielson)
Region: Northern
Place Name: Various
Highway: Richardson Highway

Project Description:
Construct passing lanes at various locations (yet to be determined) on the Richardson Highway to improve safety. Including intersection improvements at the southern access of Eielson Air Force Base to accommodate freight volumes in support of the addition of two F-35A aircraft squadrons. This is the overall design for the entire termini. Construction will happen in two stages under NID 30284 and this NID 29811.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>1,500,000</td>
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Program: National Highway System
Primary Work: New Construction
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Southeast Fairbanks
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety, Travel Time

Sponsor:
PEB Score:
Criteria: Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 29812
Title: Richardson Highway Mile Point 117-151 (Milepost 115-148) Rehabilitation & Widening
Region: Northern
Place Name: Gakona
Highway: Richardson Highway

Project Description:
Rehabilitate the Richardson Highway including rehabilitation of Gulkana River Bridge #0574. Construction will happen in two stages, under NID 31286 and this NID 29812.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<tr>
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Program: National Highway System
Primary Work: System Preservation
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety
**2018-2021 Alaska Statewide Transportation Improvement Program**
**Amendment 4; Approved September 16, 2019**

**Need ID:** 29829  
**Title:** Steese Expressway / Johansen Expressway Interchange  
**Region:** Northern  
**Place Name:** Fairbanks  
**Highway:** Steese Highway

**Project Description:**  
Construct a grade separated interchange at the intersection of Steese Expressway and Johansen Expressway. Realign adjacent access as necessary to accommodate the selected interchange configuration.

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<th>FFY20</th>
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**Program:** National Highway System  
**Primary Work:** New Construction  
**2013 Election District:** 2 Fairbanks/Wainwright  
**Borough/Census Area:** Fairbanks North Star Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** CMAQ, Safety, Travel Time  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** PRINCIPAL ARTERIAL - FREEWAY/EXPRESSWAY
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 29880
Title: Tazlina Bike and Pedestrian Pathway
Region: Northern
Place Name: Tazlina
Highway: Richardson Highway

Project Description:
Design and construct a 10' wide pedestrian/bicycle pathway from Glennallen through Tazlina, and into Copper Center within the existing DOT&PF right-of-way, 10.9 miles in length. The project also includes a pedestrian bridge, approximately 469 feet in length. This is a Federal Lands Access Program (FLAP) award.
(To be delivered by Western Federal Lands Division.)

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Program: Federal Lands Access Program
Primary Work: Transportation Enhancements
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): non-MPO

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

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

Project Description:
Improve roadway drainage by replacing drainage structures, reconfiguring roadway geometry and frontage road separation, grading, and adjusting utilities. This project will also address ADA compliance and associated drainage needs.

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Program: National Highway System
Primary Work: System Preservation
2013 Election District: 1 Downtown Fairbanks
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): not identified
Performance Measures: N/A

Sponsor: 
PEB Score:
Criteria: 
Functional Class: PRINCIPAL ARTERIAL - OTHER
**2018-2021 Alaska Statewide Transportation Improvement Program**
**Amendment 4; Approved September 16, 2019**

**Need ID:** 29909  
**Title:** Weigh-In-Motion (WIM) Program  
**Region:** Northern  
**Place Name:** Fairbanks  
**Highway:** Richardson Highway

**Project Description:**  
Design and installation of federally required Weigh-in-Motion (WIM) equipment sites on the Richardson Highway (at the existing weigh station) and on the Parks Highway near Ester.

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**Program:** National Highway System  
**Sponsor:**  
**Primary Work:** ITS  
**PEB Score:**  
**2013 Election District:** 5 Chena Ridge/Airport  
**Criteria:**  
**Borough/Census Area:** Fairbanks North Star Borough  
**Functional Class:** N/A  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 29973
Title: Richardson Highway Mile Point 68-84 (Milepost 65-80) Rehabilitation
Region: Northern
Place Name: Northern Region
Highway: Richardson Highway

Project Description:
Restore the structural integrity of the Richardson Highway including upgrades and improvements to drainage and safety.

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Program: National Highway System
Primary Work: System Preservation
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 30069  
Title: Richardson Highway Mile Point 351-355 (Milepost 350 - 353) Access Improvements  
Region: Northern  
Place Name: Fairbanks  
Highway: Richardson Highway

Project Description:  
Improve existing access control including development of frontage roads on the Richardson Highway. Work includes resurfacing the Richardson Highway, improving and consolidating intersections, and grade separation of the Alaska Railroad crossing.

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Program: National Highway System  
Primary Work: New Construction  
2013 Election District: 5 Chena Ridge/Airport  
Borough/Census Area: Fairbanks North Star Borough  
Municipal Planning Org. (MPO): non-MPO  
Performance Measures: Pavement, Safety

Sponsor:  
PEB Score:  
Criteria:  
Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30150
Title: Steese Highway Mile Point 4-6 (Milepost 4.5) (CHSR) Off-Ramp Bypass Lane
Region: Northern
Place Name: Fairbanks
Highway: Steese Highway

Project Description:
Construct a bypass lane and retaining wall at the Steese Highway north bound ramp to Chena Hot Springs Road.

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Program: National Highway System
Primary Work: New Construction
2013 Election District: 4 Western Fairbanks
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor:
PEB Score:
Criteria: Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30196
Title: Eyak River Recreation Area Rehabilitation
Region: Northern
Place Name: Eyak
Highway: N/A

Project Description:
Re-route the direction of traffic entering the Eyak River boating site by creating an alternative access road into the site, widening and improving the boat ramp and parking area, redesigning the boat launch and providing more clearly defined parking spaces. (To be delivered by Chugach National Forest.)

<table>
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Program: Federal Lands Access Program
Primary Work: Transportation Enhancements
2013 Election District: 32 Kodiak/Cordova/Seldovia
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): non-MPO

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: LOCAL
**Need ID:** 30270  
**Title:** Dalton Highway Mile Point 120-136 (Milepost 120-135) Reconstruction (Pung Creek to Prospect Creek)  
**Region:** Northern  
**Place Name:** Northern Region  
**Highway:** Dalton Highway  

**Project Description:**  
Reconstruction, including widening, spot repairs and resurfacing of approximately 15 miles of the Dalton Highway. This project is associated with NID 30276 and the parent design project NID 22452.

<table>
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**Program:** National Highway System  
**Primary Work:** Reconstruction  
**2013 Election District:** 40 Arctic  
**Borough/Census Area:** Yukon-Koyukuk  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Bridge, Pavement, Safety  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** PRINCIPAL ARTERIAL - OTHER
### Project Description:
Reconstruction, including widening, spot repairs and resurfacing of approximately 9 miles of the Dalton Highway. This project is associated with NID 30270 and the parent design project NID 22452.

### Phase Fund FFY19 FFY20 FFY21 After2021
Totals: 0 0 0 25,000,000

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<td>Performance Measures: Bridge, Pavement, Safety</td>
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Need ID: 30277
Title: Dalton Highway Mile Point 210-224 (Milepost 209-222) Reconstruction (Owen Creek to Chandalar Shelf)
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway

Project Description:
Reconstruction, including widening, spot repairs, resurfacing, and replacing Owen Creek culvert #4049. This is the first segment of construction and the second segment is NID 30286. The final segment will pave the entire length under the parent design, NID 22476.

<table>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 40 Arctic
Borough/Census Area: North Slope Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge

Sponsor: DOT&PF
PEB Score: 
Criteria: 
Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30278
Title: Parks Hwy Mile Point 127-139 (Milepost 163-168.5,169.5-174) Rehabilitation, excluding R/R crossing
Region: Northern
Place Name: Northern Region
Highway: Parks Highway

Project Description:
Rehabilitate the Parks Highway to improve drainage and construct passing lanes. The grade separated crossing will take place under Need ID 22331, the parent design project and also associated with NID 30279.

<table>
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Program: National Highway System
Primary Work: System Preservation
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30279
Title: Parks Highway Mile Point 138-148 (Milepost 174-183) Rehabilitation
Region: Northern
Place Name: Northern Region
Highway: Parks Highway

Project Description:
Rehabilitate the Parks Highway to improve drainage, construct passing lanes and realign the Little Honolulu crossing, #7037. This project is associated with NID 22331 and NID 30278.

<table>
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Program: National Highway System
Primary Work: System Preservation
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Matanuska - Susitna Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

**Need ID:** 30280
**Title:** Alaska Highway Mile Point 12-29 (Milepost 1235-1251) Rehabilitation
**Region:** Northern
**Place Name:** Northern Region
**Highway:** Alaska Highway

**Project Description:**
Rehabilitate the Alaska Highway, including possible repairs to Gardiner Creek bridge #0503. This project is also associated with NID 22299, the parent design project.

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**Program:** National Highway System
**Primary Work:** System Preservation
**2013 Election District:** 6 Eielson/Denali/Upper Yukon/Border Region
**Borough/Census Area:** Southeast Fairbanks
**Municipal Planning Org. (MPO):** non-MPO
**Performance Measures:** Bridge, Pavement, Safety

**Sponsor:**
**PEB Score:**
**Criteria:**
**Functional Class:** INTERSTATE
Need ID: 30281
Title: Dalton Highway Mile Point 306-317 (Milepost 305-314) Reconstruction
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway

Project Description:
Reconstruct and widen the Dalton Highway. Construction will happen in 3 stages, under NID 30281, NID 30282 and the original NID 22475.

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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 40 Arctic
Borough/Census Area: North Slope Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 30282
Title: Dalton Highway Mile Point 315-329 (Milepost 314-327) Reconstruction
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway

Project Description:
Reconstruct and widen the Dalton Highway. Construction will happen in 3 stages, under NID 30281, NID 30282 and the original NID 22475.

<table>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 40 Arctic
Borough/Census Area: North Slope Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor:
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

**Need ID:** 30284
**Title:** Richardson Highway Mile Point 268-307 (Milepost 266-305) Passing Lanes (Delta Jct to Birch Lake)
**Region:** Northern
**Place Name:** Delta Junction
**Highway:** Richardson Highway

**Project Description:**
Construct passing lanes at various locations (yet to be determined) on the Richardson Highway to improve safety. Construction will happen in three stages, under NID 30284, NID 30449 and the original NID 29811.

<table>
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**Program:** National Highway System
**Primary Work:** New Construction
**2013 Election District:** 6 Eielson/Denali/Upper Yukon/Border Region
**Borough/Census Area:** Southeast Fairbanks
**Municipal Planning Org. (MPO):** non-MPO
**Performance Measures:** Safety

**Sponsor:**
**PEB Score:**
**Criteria:**
**Functional Class:** INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 30285
Title: Dalton Highway Mile Point 18-26 (Milepost 18-25) Reconstruction and Bridge Replacement
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway

Project Description:
Reconstruction, including widening, spot repairs and resurfacing of approximately 7 miles of the Dalton Highway in the Hess Creek Area, including replacement of Hess Creek Bridge #1213. This project is also associated with 22446.

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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Yukon-Koyukuk
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety

Sponsor:
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30286
Title: Dalton Highway Mile Point 223-238 (Milepost 222-235)
Reconstruction and Bridge Replacement
Region: Northern
Place Name: Northern Region
Highway: Dalton Highway

Project Description:
Reconstruction, including widening, spot repairs, resurfacing 13 miles, and replacing Nutirwik Creek bridge #1515. Construction will happen in three segments under NID 30277, 30286.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
</tr>
</thead>
<tbody>
<tr>
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<td>FFY19</td>
</tr>
<tr>
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</table>

- Program: National Highway System
- Primary Work: Reconstruction
- 2013 Election District: 40 Arctic
- Borough/Census Area: North Slope Borough
- Municipal Planning Org. (MPO): non-MPO
- Performance Measures: Pavement, Safety
- Sponsor: 
- PEB Score: 
- Criteria: 
- Functional Class: PRINCIPAL ARTERIAL - OTHER
Project Description:
This project will design and construct improvements recommended by the Northern Region ADA Reconnaissance Study.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 93 Northern Region
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety

Sponsor: PEB Score: Criteria: Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program  
Amendment 4; Approved September 16, 2019

Need ID: 30391  
Title: Dalton Highway Wetlands Mitigation  
Region: Northern  
Place Name: Various  
Highway: Dalton Highway

Project Description:  
Perform activities as required to fulfill compensatory mitigation commitments for projects on the Dalton Highway.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<tr>
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</table>

Program: National Highway System  
Primary Work: Environmental Only  
2013 Election District: 40 Arctic  
Borough/Census Area: North Slope Borough  
Municipal Planning Org. (MPO): non-MPO  
Performance Measures: N/A  
Sponsor: DOT&PF  
PES Score: 
Criteria:  
Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 30429
Title: Tok Cutoff Mile Point 37-50 (Milepost 38-50) Rehabilitation
Region: Northern
Place Name: Chistochina
Highway: Tok Cutoff

Project Description:
Rehabilitate the Tok Cutoff. Improvements will include drainage, embankment stabilization and rebuilding the pavement structure. Bridge rail upgrades and deck repairs to Indian River Bridge #0651.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<td>NHPP</td>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 99 Statewide
Borough/Census Area: Valdez-Cordova
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety
Need ID: 30449
Title: Richardson Highway Mile Point 338-340 (Milepost 337)
Eielson AFB Intersection Improvements
Region: Northern
Place Name: Eielson AFB
Highway: Richardson Highway

Project Description:
Intersection improvements at the southern access of the Eielson Air force Base of the Richardson Highway to accommodate additional freight volumes in support of the addition of two F-35A aircraft squadrons. This is associated with the parent design project NID 29811 and NID 30284.

<table>
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<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
<tr>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement
Sponsor:
PEB Score:
Criteria:
Functional Class: INTERSTATE
**Project Description:**
Realign the Richardson Highway to mitigate the Copper River slide and erosion.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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**Program:** National Highway System

**Primary Work:** Reconstruction

**2013 Election District:** 6 Eielson/Denali/Upper Yukon/Border Region

**Borough/Census Area:** Unorganized Borough

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

**Performance Measures:** Pavement, Safety
Need ID: 30995
Title: Parks Highway Mile Point 172-175 (Milepost 208-210)
Region: Northern
Place Name: Northern Region
Highway: Parks Highway

Project Description:
Reconstruct the Parks Highway.

<table>
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<tr>
<th>Phase</th>
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<th>FFY20</th>
<th>FFY21</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Unorganized Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor:
PEB Score:
Criteria: Functional Class: INTERSTATE
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30998
Title: Elliott Highway Milepost 51-63 Rehabilitation
Region: Northern
Place Name: Northern Region
Highway: Elliott Highway

Project Description:
Rehabilitate the Elliott Highway from MP 51-MP 63, including the Tolovana Bridge #440. Some segments may require construction of a new alignment and major rehabilitation (MP 52-55). Work includes resurfacing, roadside hardware, drainage improvements, and utilities.

<table>
<thead>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region
Borough/Census Area: Unorganized Borough
Municipal Planning Org. (MPO): not identified
Performance Measures: Bridge, Pavement, Safety

Sponsor:
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 31155
Title: University Avenue Rehabilitation (Segment Ia)
Region: Northern
Place Name: Fairbanks
Highway: N/A

Project Description:
Improve the University Avenue intersections at Geist Road and the Johansen Expressway. The improvements are part of the construction of University Avenue Segment 1 and will prepare the intersection for new traffic patterns that will be in place during Segment 1 construction. This project is associated with NID 29655, 29656, 31577, 31578, adn the parent design project NID3821.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 5 Chena Ridge/Airport
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety, Travel Time

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: PRINCIPAL ARTERIAL - OTHER
**Project Description:**
Reconstruct the Parks Highway. Construction will occur in two stages, NID 31278 and the parent project, NID 22335.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<th>After2021</th>
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</table>

**Program:** National Highway System

**Primary Work:** Reconstruction

**2013 Election District:** 6 Eielson/Denali/Upper Yukon/Border Region

**Borough/Census Area:** Denali Borough

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

**Performance Measures:** Bridge, Pavement, Safety
2018-2021 Alaska Statewide Transportation Improvement Program 
Amendment 4; Approved September 16, 2019

Need ID: 31282
Title: Richardson Highway Mile Point 208-219 (Milepost 206-216) Reconstruction (Stage I of IV)
Region: Northern
Place Name: Various
Highway: Richardson Highway

Project Description:
Reconstruct Richardson Highway including replacement of the Upper Miller Creek Bridge # 0581. This project will be constructed in four segments, under NID 31282, 31282, 31284, and the final segment will be constructed under the parent NID 29810.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<th>After2021</th>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 9 Richardson Highway/East MatSu
Borough/Census Area: Unorganized Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement, Safety

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: MINOR ARTERIAL
**2018-2021 Alaska Statewide Transportation Improvement Program**  
**Amendment 4; Approved September 16, 2019**

**Need ID:** 31286  
**Title:** Richardson Highway Mile Point 139-151 Milepost 137-148 Rehabilitation and Widening (Stage II of II)  
**Region:** Northern  
**Place Name:** Gakona  
**Highway:** Richardson Highway

**Project Description:**  
Rehabilitate the Richardson Highway. This project will be constructed in two segments, under NID 31286 and the parent NID 29812.

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

Need ID: 31516
Title: Fairbanks Road/Rail Crossing Reduction/Realignment Plan
Region: Northern
Place Name: Fairbanks
Highway: N/A

Project Description:
The primary purpose of the PLAN is to serve as a long-range road/rail planning document. The PLAN will enable FMATS and its agency partners to implement a more efficient and effective approach to integrate passenger and freight rail elements into the larger multi-modal and intermodal transportation framework.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<th>After2021</th>
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</table>

Program: Transportation Improvement Program
Primary Work: Planning
2013 Election District: 60 Fairbanks Areawide
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): FMATS

Sponsor: FMATS
PEB Score:
Criteria:
Functional Class: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 31577
Title: University Ave Rehabilitation: Thomas St. To Chena River
(Segment 1 North)
Region: Northern
Place Name: Fairbanks
Highway: N/A

Project Description:
Complete University Avenue improvements from new Indiana Avenue to EOP (Thomas St) including final Wolf Run configuration, construction of New Indiana Ave, and portion of Halvorson Road extension. This project is associated with NIDs 31578, 29655, 29656, 31155, and the parent design project 3821.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 5 Chena Ridge/Airport
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: PRINCIPAL ARTERIAL - OTHER
Project Description:
Finish Halvorson, portions of Goldizen and Geraghty Avenue, as well as advance utility relocations as part of the larger University Avenue Rehabilitation project. This project is associated with NIDs 31577, 29655, 29656, 31155, and the parent design project 3821.
Need ID: 31596
Title: Winter Trail Marking
Region: Northern
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<th>After2021</th>
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<td>9,030</td>
<td>9,030</td>
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Program: Community Transportation Program
Primary Work: Other
2013 Election District: 99 Statewide
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified
Performance Measures: Safety
Need ID: 31656
Title: Chena Pump Road Bike and Pedestrian Facility Rehabilitation
Region: Northern
Place Name: Fairbanks
Highway: N/A

Project Description:
Rehabilitate the existing Chena Pump Road bicycle path between Dartmouth Drive and the Pump House Restaurant. Improvements include widening Chena Pump Road shoulders between the Pump House Restaurant and Grebe Drive, bridge work on the Cripple Creek pedestrian bridge, drainage and roadside hardware.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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Program: Trails and Recreational Access for Alaska
Primary Work: System Preservation
2013 Election District: 5 Chena Ridge/Airport
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): FMATS
Performance Measures: CMAQ

Sponsor:
Peb Score:
Criteria:
Functional Class: MINOR ARTERIAL
Need ID: 31778
Title: Kivalina Evacuation and School Site Access Road - Kivalina Lagoon to Kisimigiuqtuq Hill
Region: Northern
Place Name: Kivalina
Highway: N/A

Project Description:
Construct embankment for Kivalina evacuation road from the mainland side of Kivalina Lagoon to Kisimigiuqtuq Hill (K Hill), including drainage improvements.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<tr>
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<td>SFF</td>
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</table>

Program: Community Transportation Program
Primary Work: New Construction
2013 Election District: 40 Arctic
Borough/Census Area: Northwest Arctic Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 31878
Title: Fairbanks North Pole Serious Statewide Implementation Plan
Region: Northern
Place Name: Fairbanks
Highway: N/A

Project Description:
The Fairbanks/North Pole Serious Statewide Implementation Plan will focus on the completion, submission, ensuring EPA approvability and implementation of the Fairbanks/North Pole Serious Statewide Implementation Plan (SIP). This includes the development of a mobile source emission budget for the nonattainment area and FMATS to ensure that the area remains eligible for federal highway funds.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<tbody>
<tr>
<td>Planning &amp; Research</td>
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<td>93,912</td>
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<td>1,040,000</td>
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Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 60 Fairbanks Areawide
Borough/Census Area: Fairbanks North Star Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

**Need ID:** 32098
**Title:** Lower Yukon River Regional Port and Road Renovation Project
**Region:** Northern
**Place Name:** Emmonak
**Highway:** N/A

**Project Description:**
The project will repair and upgrade approximately 3.5 miles of high-use service roads as well as construct a permanent barge/landing craft ramp and dock/wharf with up to two berths capable of handling 500-ton barges. This is a BUILD grant (Better Utilizing Investments to Leverage Development / BUILD Transportation Discretionary Grant).

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-Phase Activity</td>
<td>3PF</td>
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**Program:** Required programs and Preventive Maintenance

**Primary Work:** New Construction

**2013 Election District:** 39 Bering Straits/Yukon Delta

**Borough/Census Area:** Unorganized Borough

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

**Performance Measures:** N/A

**Sponsor:**

**PEB Score:**

**Criteria:**

**Functional Class:**
**2018-2021 Alaska Statewide Transportation Improvement Program**

**Amendment 4; Approved September 16, 2019**

**Need ID:** 32099  
**Title:** Nenana Bridge Project  
**Region:** Northern  
**Place Name:** Nenana  
**Highway:** N/A

**Project Description:**  
This project will construct two permanent fixed bridges across the Nenana River and the Nenana Slough. The project will complete a larger project to provide year round connection between 10th Avenue and Totchaket Road. This is a BUILD grant (Better Utilizing Investments to Leverage Development / BUILD Transportation Discretionary Grant).

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<tbody>
<tr>
<td>Multi-Phase Activity</td>
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<td>9,174,000</td>
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<td><strong>Totals:</strong></td>
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<td>9,174,000</td>
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</table>

**Program:** Required programs and Preventive Maintenance

**Primary Work:** New Bridge Access

**2013 Election District:** 6 Eielson/Denali/Upper Yukon/Border Region

**Borough/Census Area:** Unorganized Borough

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

**Performance Measures:** N/A
### 2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

**Need ID:** 32218  
**Title:** Prince William Sound Area Transportation Plan Update  
**Region:** Northern  
**Place Name:** Various  
**Highway:** N/A  

**Project Description:**  
Update the 2001 Prince William Sound Area Transportation Plan

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<tr>
<td>Other / Miscellaneous</td>
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<tr>
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<td>500,000</td>
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**Program:** Required programs and Preventive Maintenance  
**Primary Work:** Planning  
**2013 Election District:** 99 Statewide  
**Borough/Census Area:** Valdez-Cordova  
**Municipal Planning Org. (MPO):** not identified  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** N/A
Need ID: 32219
Title: Northern Region ITS
Region: Northern
Place Name: Various
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other / Miscellaneous</td>
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<td>22,575</td>
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<td>90,970</td>
<td>227,425</td>
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<td>250,000</td>
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<td>500,000</td>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: ITS
2013 Election District: 93 Northern Region
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): not identified

Sponsor: 
PEB Score: 
Criteria: Functional Class: N/A
Southcoast Region Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the Southcoast Region planning manager: Phone: (907) 465-8864 Email: jim.potdevin@alaska.gov
**2018-2021 Alaska Statewide Transportation Improvement Program**
**Amendment 4; Approved September 16, 2019**

**Need ID:** 2436  
**Title:** Kodiak - Otmeloi Way Reconstruction  
**Region:** Southcoast  
**Place Name:** Kodiak  
**Highway:** N/A

**Project Description:**  
Reconstruct approximately one mile of Otmeloi Way. Road improvements will include grading, drainage, paving, and construction of pedestrian facilities. Realignment and lighting as needed. Upon completion, ownership and maintenance responsibility for Otmeloi Way and associated facilities will be transferred to the Kodiak Island Borough.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<td>3,400,000</td>
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<tr>
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<td>Utilities</td>
<td>OSF</td>
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<td><strong>Totals:</strong></td>
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<td>0</td>
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**Program:** Community Transportation Program  
**Sponsor:** DOT&PF  
**Primary Work:** Reconstruction  
**PEB Score:** 123.8  
**2013 Election District:** 32 Kodiak/Cordova/Seldovia  
**Criteria:** Urban and Rural  
**Borough/Census Area:** Kodiak Island Borough  
**Functional Class:** MINOR COLLECTOR  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Pavement, Safety
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 7174
Title: Highway Safety Improvement Program/Safety Management
Region: Southcoast
Place Name: Southcoast Region
Highway:

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>200,000</td>
<td>200,000</td>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: Planning
2013 Election District: 91 Southcoast Region
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO

Sponsor: DOT&PF
PEB Score: 
Criteria: 
Functional Class: N/A
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)

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
<td>Utilities</td>
<td>STP</td>
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<td>2,400,000</td>
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</table>

Program: Community Transportation Program
Primary Work: Bridge Rehabilitation
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor: City of Ketchikan
PEB Score: 
Criteria: Urban and Rural
Functional Class: LOCAL
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</thead>
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</tbody>
</table>

Program: Community Transportation Program  
Primary Work: Reconstruction  
2013 Election District: 34 Mendenhall Valley  
Borough/Census Area: Juneau, City and Borough of  
Municipal Planning Org. (MPO): non-MPO  
Performance Measures: Safety  

Sponsor: City and Borough of Juneau  
PEB Score: 119.8  
Criteria: Urban and Rural  
Functional Class: MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 18922
Title: Pavement and Bridge Rehabilitation
Region: Southcoast
Place Name: Southcoast Region
Highway:

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

<table>
<thead>
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<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>1,354,500</td>
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<td>Multi-Phase Activity</td>
<td>STP</td>
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<td>9,097,000</td>
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<td>15,000,000</td>
<td>30,000,000</td>
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</table>

Program: Required programs and Preventive Maintenance
Primary Work: System Preservation
2013 Election District: 91 Southcoast Region
Borough/Census Area: Various Boroughs
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement

Sponsor: DOT&PF
PEB Score:
Criteria:
Functional Class: N/A
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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
<td>Right of Way</td>
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<td>Right of Way</td>
<td>STP</td>
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<tr>
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</table>

Program: Alaska Highway System
Primary Work: Reconstruction
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hyderabad
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety

Sponsor: DOT&PF
PEB Score:
Criteria: Urban and Rural
Functional Class: MINOR ARTERIAL
**2018-2021 Alaska Statewide Transportation Improvement Program**  
**Amendment 4; Approved September 16, 2019**

**Need ID:** 22279  
**Title:** Haines Hwy Reconstruction & Chilkat Bridge Replacement: Mile Point 22 to 25 (Milepost 23 to 25.3)  
**Region:** Southcoast  
**Place Name:** Haines  
**Highway:** Haines Highway  

**Project Description:**  
Replace bridge #742. Possible realignment of road on either side. Widen road to 36'. Straighten curves to meet a 55 mph design speed. Provide a long-term solution to debris flow problems. Enhancements planned along the Chilkat River. This is one of three construction projects that fall under the Haines Highway Reconstruction design project, Need ID 2152. Other construction segments under Need IDs 26330 and 27829.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tbody>
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<td>0</td>
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<td>0</td>
<td>0</td>
<td>18,800,000</td>
<td>0</td>
</tr>
</tbody>
</table>

**Program:** National Highway System  
**Primary Work:** Reconstruction  
**2013 Election District:** 33 Downtown Juneau/Douglas/Haines/Skagway  
**Borough/Census Area:** Haines Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Bridge, Pavement, Safety  
**Sponsor:** SOA DOT&PF SER  
**PEB Score:**  
**Criteria:**  
**Functional Class:** PRINCIPAL ARTERIAL - OTHER
Need ID: 23055
Title: Repair or Replace Rink Creek Bridge
Region: Southcoast
Place Name: Gustavus
Highway:

Project Description:
Remove existing Rink Creek Bridge, #2203 and replace with adequate structure which will provide access to the Falls Creek Hydroelectric Project and must be designed to accommodate heavy vehicles. Project spans the length of the bridge plus tie in to the road only.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Totals:</strong></td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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</tbody>
</table>

Program: Community Transportation Program
Primary Work: Bridge Replacement
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway
Borough/Census Area: Hoonah-Angoon Census Area
Municipal Planning Org. (MPO): non-MPO

Sponsor: City of Gustavus
PEB Score: 
Criteria: 
Functional Class: MINOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 23375
Title: Keku Road Rehabilitation
Region: Southcoast
Place Name: Kake
Highway:

Project Description:
Rehabilitate Church/Canadian Side, Silver Spike, Keku, and Boat Harbor Spur Roads from Sixth Street to Portage Bay Boat Harbor for a total length of approximately 3 miles. Pavement resurfacing is needed along the length of the project; sub-grade repairs, embankment stabilization, and riprap repairs are needed in localized settlement areas. Repair, adjust, or relocate roadside appurtenances, such as guardrail and utilities, as necessary.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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Program: Community Transportation Program
Primary Work: System Preservation
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: MINOR COLLECTOR
**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.

<table>
<thead>
<tr>
<th>Phase</th>
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<th>FFY20</th>
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**Program:** Alaska Highway System

**Primary Work:** Reconstruction

**2013 Election District:** 36 Ketchikan/Wrangell/Metlakatla/Hydaburg

**Borough/Census Area:** Ketchikan Gateway Borough

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

**Performance Measures:** Safety

**Sponsor:** SER DOT&PF

**PEB Score:**

**Criteria:**

**Functional Class:** MINOR ARTERIAL
Need ID: 23475
Title: Glacier Highway Reconstruction: Fritz Cove Road to Seaview Avenue
Region: Southcoast
Place Name: Juneau
Highway: Glacier Highway

Project Description:
Reconstruct Glacier Highway between Fritz Cove Road and Seaview Avenue at Auke Bay to reconstruct segments of road sub-base, widen roadway, flatten curve alignments, improve intersections, drainage systems, resurface roadway, lighting, guardrail, improve bicycle and pedestrian facilities including improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual, and add a center turn lane through the Auke Bay business area. Total length of project is approximately one mile.

<table>
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<tr>
<th>Phase</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 34 Mendenhall Valley
Borough/Census Area: Juneau, City and Borough of
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety, Travel Time

Sponsor: SER DOT&PF
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 23563
Title: Egan Drive Improvements - Main St to 10th St.
Region: Southcoast
Place Name: Juneau
Highway:

Project Description:
Resurface Egan Drive from Main Street to 10th Street. Replace retaining wall under Merchants Wharf. Improve intersections, pedestrian facilities, add bike lanes as appropriate, and improve curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.

<table>
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<th>FFY20</th>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway
Borough/Census Area: Juneau, City and Borough of
Municipal Planning Org. (MPO): not identified
Performance Measures: Pavement, Safety

Sponsor: SER DOT&PF
PEB Score:
Criteria:
Functional Class: PRINCIPAL ARTERIAL - OTHER

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

**Need ID:** 23595  
**Title:** Wrangell - Evergreen Road Improvements and Pedestrian Access  
**Region:** Southcoast  
**Place Name:** Wrangell  
**Highway:**  

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

<table>
<thead>
<tr>
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**Program:** Community Transportation Program  
**Primary Work:** Reconstruction  
**2013 Election District:** 36 Ketchikan/Wrangell/Metlakatla/Hydaburg  
**Borough/Census Area:** Wrangell, City and Borough of  
**Municipal Planning Org. (MPO):** not identified  
**Performance Measures:** Safety  

**Sponsor:** City and Borough of Wrangell  
**PEB Score:** 338  
**Criteria:** Urban and Rural  
**Functional Class:** MAJOR COLLECTOR
Need ID: 24337
Title: Skagway - State Street Rehabilitation
Region: Southcoast
Place Name: Skagway
Highway: N/A

Project Description:
Resurface State St. in Skagway and rehabilitate the subgrade and storm drain system as needed. Rehabilitate sidewalks per needs identified in Southcoast Region.

<table>
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Program: National Highway System
Primary Work: System Preservation
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway
Borough/Census Area: Skagway, Municipality and Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor: City of Skagway
PEB Score:
Criteria: Urban and Rural
Functional Class: PRINCIPAL ARTERIAL - OTHER
Need ID: 26110  
Title: Sawmill Creek Road Reconstruction & Pedestrian Improvements  
Region: Southcoast  
Place Name: Sitka  
Highway:  

**Project Description:**  
Reconstruct the segment of Sawmill Creek Road between the roundabout and intersection of Jeff Davis Street. This project will include ADA compliant sidewalks on each side of the road, reconfiguration of lanes for improved bicycle access, improvements to the intersection of SMC Road and DeGroff St., and associated drainage improvements.

<table>
<thead>
<tr>
<th>Phase</th>
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<th>FFY21</th>
<th>After2021</th>
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<tbody>
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Program: Alaska Highway System  
Primary Work: Reconstruction  
2013 Election District: 35 Sitka/Petersburg  
Borough/Census Area: Sitka, City and Borough of  
Municipal Planning Org. (MPO): non-MPO  
Performance Measures: Safety  
Sponsor:  
PEB Score: 368  
Criteria: Urban and Rural  
Functional Class: MINOR ARTERIAL
Project Description:
Resurface and improve Glacier Hwy from Glacier Highway Access Road to Twin Lakes. Improvements include: resurface entire length of roadway and address drainage needs, add pedestrian facilities on the water side of street, convert the Renninger Street intersection to a roundabout, add a traffic signal to the Davis Street intersection, adjust other driveways and intersections as needed, improve curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual, stripe bike lanes, determine crosswalk locations, install bus pullouts as needed, and address lighting needs.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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Program: Community Transportation Program
Primary Work: Reconstruction

2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway
Borough/Census Area: Juneau, City and Borough of
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety

Sponsor:
PBE Score: 392
Criteria: Urban and Rural
Functional Class: MINOR ARTERIAL
**Project Description:**
Construct a road connecting King Cove with Cold Bay and its all-weather airport. The project will construct 13.5 miles of new road and 5.6 miles of road reconstruction and realignment; single lane gravel road with turnouts.

<table>
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<th>Phase</th>
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<th>After2021</th>
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**Program:** Community Transportation Program  
**Primary Work:** New Construction  
**2013 Election District:** 37 Bristol Bay/Aleutians/Upper Kuskokwim  
**Borough/Census Area:** Aleutians East Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Safety  
**Sponsor:**  
**PEB Score:**  
**Criteria:** Urban and Rural  
**Functional Class:** N/A
Need ID: 26330
Title: Haines Highway Reconstruction: Mile Point 11 to 23 (Milepost 12.2 to 23)
Region: Southcoast
Place Name: Haines
Highway: Haines Highway

Project Description:
Widen the highway to a paved width of 36’ and improve the roadside environment. Improve drainage, straighten selected curves to a 55 mph design speed where able and other improvements, including addressing the mudslide area. This is one of three construction projects that fall under the Haines Highway Reconstruction Design project. See Need ID’s 2152, 22279, and 27829.

<table>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway
Borough/Census Area: Haines Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Freight Travel Time, Pavement

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: PRINCIPAL ARTERIAL - OTHER
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.

<table>
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<tr>
<th>Phase</th>
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<th>FFY20</th>
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Totals: 0 0 0 0

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement

Sponsor: 
PEB Score:
Criteria: 
Functional Class: MINOR ARTERIAL
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 26348
Title: Alaska Peninsula Highway Bridges
Region: Southcoast
Place Name: Naknek
Highway:

Project Description:
Rehabilitate and/or replace bridges along the Alaska Peninsula Highway including Leader Creek Bridge (bridge # 400), Pauls Creek Bridge (bridge # 402), and King Salmon Creek Bridge (bridge # 399). Improvements may include widening the structures. Construction may be supplemented by IRR bridge funds.

<table>
<thead>
<tr>
<th>Phase</th>
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</table>

Program: Alaska Highway System
Primary Work: Bridge Rehabilitation
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim
Borough/Census Area: Bristol Bay Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor:
PEB Score:
Criteria:
Functional Class: MINOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 26809
Title: Williamsport-Pile Bay Road, Iliamna River Bridge Replacement
Region: Southcoast
Place Name: Iliamna
Highway:

Project Description:
Construct a permanent bridge and remove temporary bridge over the Iliamna river.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<th>After2021</th>
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Program: Alaska Highway System
Primary Work: Bridge Replacement
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim
Borough/Census Area: Lake & Peninsula Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor:
PEB Score:
Criteria:
Functional Class: MINOR COLLECTOR
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.

<table>
<thead>
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<th>Phase</th>
<th>Fund</th>
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</table>

Program: Alaska Highway System
Primary Work: Bridge Replacement
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: MINOR COLLECTOR
Need ID: 27702
Title: Reconstruct Goose Creek (Kasaan) Rd - Phase I MP 1.5 to 3.0
Region: Southcoast
Place Name: Kasaan
Highway: N/A

Project Description:
Construction of roadway from segments 9 and 10 of the PS&E package. Construction of the road will include clearing, horizontal and vertical realignment, installation of drainage, aggregate base, surfacing, signing, seeding erosion control, utility work and other improvements.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<tbody>
<tr>
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</table>

Program: Federal Lands Access Program
Primary Work: Reconstruction
2013 Election District: 35 Sitka/Petersburg
Borough/Census Area: Prince of Wales-Hyder Census Area
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Pavement, Safety

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: MAJOR COLLECTOR
Need ID: 27766
Title: Ketchikan - So. Tongass Highway - Tongass Ave Improvements
Region: Southcoast
Place Name: Ketchikan
Highway: South Tongass Highway

Project Description:
Resurface pavement and construct improvements along South Tongass Highway between Hoadley Creek Bridge and the Tongass Avenue Viaduct in the vicinity of Elliot Street.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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Program: National Highway System
Primary Work: System Preservation
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Bridge, Pavement
**2018-2021 Alaska Statewide Transportation Improvement Program**
**Amendment 4; Approved September 16, 2019**

**Need ID:** 27829  
**Title:** Haines Highway Reconstruction: Mile Point 3 to 12  
(Milepost 3.5 to 12.3)  
**Region:** Southcoast  
**Place Name:** Haines  
**Highway:** Haines Highway

**Project Description:**
Widen the highway to a paved width of 36’ and improve the roadside environment. Improve drainage, straighten selected curves to a 55 mph design speed where able and other improvements. This is one of three construction projects that fall under the Haines Highway Reconstruction Design project. See Need ID’s 2152, 22279, and 26330. This NID, 27829, also includes mitigation work that is required for all segments.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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**Program:** National Highway System  
**Primary Work:** Reconstruction  
**2013 Election District:** 33 Downtown Juneau/Douglas/Haines/Skagway  
**Borough/Census Area:** Haines Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Pavement, Safety
**2018-2021 Alaska Statewide Transportation Improvement Program**
**Amendment 4; Approved September 16, 2019**

**Need ID:** 28271  
**Title:** Prince of Wales - Neck Lake Rd Reconstruction: NPOWI Hwy to Whale Pass  
**Region:** Southcoast  
**Place Name:** Whale Pass  
**Highway:** N/A

**Project Description:**  
Reconstruct approximately 7.9 miles of Neck Lake Road (South Whale Pass Rd) to provide a narrow two lane paved road. Project begins at junction with NPOWI Highway and ends at Whale Pass seaplane terminal and boat launch ramp. Project may be split into two segments: NPOWI Highway to Marine Access Facility Junction and Marine Access Facility Junction to Whale Pass. Major work items include clearing, grading, drainage, subexcavation, base, paving, bridge and culvert replacement, high reflectivity signage, installation of safety guardrail systems, revegetation, and slope stabilization.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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**Program:** Community Transportation Program  
**Primary Work:** Reconstruction  
**2013 Election District:** 35 Sitka/Petersburg  
**Borough/Census Area:** Prince of Wales-Hyder Census Area  
**Municipal Planning Org. (MPO):** non-MPO

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MINOR COLLECTOR
**2018-2021 Alaska Statewide Transportation Improvement Program**
*Amendment 4; Approved September 16, 2019*

**Need ID:** 28549  
**Title:** Southcoast Areawide ADA Improvements  
**Region:** Southcoast  
**Place Name:** Southcoast Region  
**Highway:** N/A  

**Project Description:**  
This project will provide ADA improvements along routes in Southcoast. Initial phase includes auditing routes to determine ADA compliance and identify those issues that can be quickly resolved. Prioritization and construction of needed ADA improvements will be identified per the audit.

<table>
<thead>
<tr>
<th>Phase</th>
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<th>FFY20</th>
<th>FFY21</th>
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**Program:** National Highway System  
**Primary Work:** Reconstruction  
**2013 Election District:** 91 Southcoast Region  
**Borough/Census Area:** Various Boroughs  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Safety
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 28769  
Title: Juneau - Egan Dr and Riverside Intersection Improvement  
Region: Southcoast  
Place Name: Juneau  
Highway: Glacier Highway

**Project Description:**
This project will modify the intersections of Riverside Drive and Egan Drive to facilitate U-turns and install a median at the intersection of Glacier Highway North and Egan Drive to help improve safety and operations as a result of the prohibited left turn at Glacier Highway North. Project will include paving Egan Drive from Loop Road to Riverside.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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Program: National Highway System  
Primary Work: Reconstruction  
2013 Election District: 34 Mendenhall Valley  
Borough/Census Area: Juneau, City and Borough of  
Municipal Planning Org. (MPO): not identified  
Performance Measures: Pavement, Safety

Sponsor:  
PEB Score:  
Criteria:  
Functional Class: PRINCIPAL ARTERIAL - OTHER
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.

<table>
<thead>
<tr>
<th>Phase</th>
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Program: Alaska Highway System
Primary Work: Bridge Replacement
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety
Need ID: 28811
Title: Pelican - Main Street Bridge (No. 1268) Improvement
Region: Southcoast
Place Name: Pelican
Highway: N/A

Project Description:
Rehabilitate the Main Street Bridge also known as the Pelican Boardwalk.

<table>
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<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
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Program: Community Transportation Program
Primary Work: Bridge Rehabilitation
2013 Election District: 35 Sitka/Petersburg
Borough/Census Area: Hoonah-Angoon Census Area
Municipal Planning Org. (MPO): non-MPO

Sponsor:
PEB Score:
Criteria:
Functional Class: LOCAL
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 28890
Title: Ketchikan - Sayles/Gorge St. Viaduct (#1841) Improvement
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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Program: Community Transportation Program
Primary Work: Bridge Replacement
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor: 
PEB Score: 
Criteria:  
Functional Class: LOCAL
**2018-2021 Alaska Statewide Transportation Improvement Program**  
**Amendment 4; Approved September 16, 2019**

**Need ID:** 29149  
**Title:** Chignik Public Dock  
**Region:** Southcoast  
**Place Name:** Chignik  
**Highway:** N/A

**Project Description:**  
Construct graded uplands with rip-rap face, sheetpile dock, and fendering system

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY21</th>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<td>Utilities</td>
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</tbody>
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Program: Alaska Highway System
Primary Work: System Preservation
2013 Election District: 32 Kodiak/Cordova/Seldovia
Borough/Census Area: Kodiak Island Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety

Sponsor:
PEB Score:
Criteria:
Functional Class: MINOR COLLECTOR
**Project Description:**
This project will reduce congestion in the Mendenhall Valley non-attainment area by improving the Riverside and Stephen Richards intersection. The current 4 way stop will be replaced with a traffic control option that will improve traffic flow, particularly during am and pm peak periods. A compact roundabout and enhanced signalization will be considered as potential solutions to current congestion at this intersection.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</thead>
<tbody>
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**Program:** Required programs and Preventive Maintenance  
**Primary Work:** Reconstruction  
**2013 Election District:** 34 Mendenhall Valley  
**Borough/Census Area:** Juneau, City and Borough of  
**Municipal Planning Org. (MPO):** not identified  
**Performance Measures:** CMAQ  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MINOR ARTERIAL
Need ID: 29875
Title: Kodiak - Harbor Channel Bridge Improvement
Region: Southcoast
Place Name: Kodiak
Highway: N/A

Project Description:
Rehabilitate the Harbor Channel Bridge on Near Island Bridge Road. Rehabilitate per items recommended on 2014 Bridge Assessment including deck rehabilitation and repainting the steel superstructure.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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Program: Alaska Highway System
Primary Work: Bridge Rehabilitation
2013 Election District: 32 Kodiak/Cordova/Seldovia
Borough/Census Area: Kodiak Island Borough
Municipal Planning Org. (MPO): not identified
Need ID: 29876
Title: Kodiak - Rezanoff Drive Resurface: Airport to Chiniak Hwy
Region: Southcoast
Place Name: Kodiak Station
Highway: N/A

Project Description:
Resurface Rezanoff Drive from the Airport to Chiniak Highway and repair a section of Rezanoff Drive from Carolyn St. to Marine Way. Address lighting, guardrails, drainage, culverts and other highway appurtenances as needed.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<td>Construction</td>
<td>ACC</td>
<td>0</td>
<td>0</td>
<td>-8,603,526</td>
<td></td>
</tr>
<tr>
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<td>SM</td>
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<tr>
<td>Utilities</td>
<td>SM</td>
<td>903</td>
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<tr>
<td>Utilities</td>
<td>STP</td>
<td>9,097</td>
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<td></td>
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<td>0</td>
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</tbody>
</table>

Program: Alaska Highway System
Primary Work: System Preservation
2013 Election District: 32 Kodiak/Cordova/Seldovia
Borough/Census Area: Kodiak Island Borough
Municipal Planning Org. (MPO): non-MPO

Sponsor:
Peb Score: 2013 Election District: 32 Kodiak/Cordova/Seldovia
Criteria: Functional Class: MINOR ARTERIAL
Need ID: 29877
Title: Kodiak - Chiniak Hwy Rehabilitate: Mile Point 5 to 21
(Milepost 15 to 31)
Region: Southcoast
Place Name: Kodiak Island
Highway: N/A

Project Description:
Rehabilitate approximately 16 miles of the Chiniak Highway from Milepost 15 to the end of pavement to improve and preserve the roadway subgrade and surface. Address lighting, guardrails, drainage, culverts and other highway appurtenances as needed.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
<td>SM</td>
<td>0</td>
<td>45,150</td>
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<tr>
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<td>STP</td>
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<td>454,850</td>
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</tr>
<tr>
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<td>SM</td>
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<td>18,060</td>
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<td>700,000</td>
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Program: Alaska Highway System
Primary Work: System Preservation
2013 Election District: 32 Kodiak/Cordova/Seldovia
Borough/Census Area: Kodiak Island Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: Safety

Sponsor:
PEB Score:
Criteria: MAJOR COLLECTOR
**Need ID:** 29989  
**Title:** Sand Point City Dock Replacement  
**Region:** Southcoast  
**Place Name:** Sand Point  
**Highway:** Marine Highway

**Project Description:**
Construct a new multi-use dock. The new dock will replace an old city dock that currently accommodates fishing vessels, barges, and state ferries, but is nearing the end of its service life.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
<td>Construction ACC</td>
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<td>0</td>
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<tr>
<td>Construction SM</td>
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<td></td>
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</tr>
<tr>
<td>Construction STP</td>
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<td>0</td>
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<td><strong>10,700,000</strong></td>
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</table>

**Program:** Alaska Highway System  
**Primary Work:** New Construction  
**2013 Election District:** 37 Bristol Bay/Aleutians/Upper Kuskokwim  
**Borough/Census Area:** Aleutians East Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** Pavement, Safety  
**Sponsor:** Southcoast Region  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MINOR COLLECTOR
**Need ID:** 30206  
**Title:** Gustavus and Glacier Bay National Park Pedestrian and Bicycle Connection  
**Region:** Southcoast  
**Place Name:** Gustavus  
**Highway:** N/A

**Project Description:**
Construct a pedestrian/bicycle trail within the right of way of the existing state roadway and parallel to that roadway for 3.2 miles

---

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Totals:</td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Program:** Federal Lands Access Program  
**Primary Work:** Planning  
**2013 Election District:** 33 Downtown Juneau/Douglas/Haines/Skagway  
**Borough/Census Area:** Hoonah-Angoon Census Area  
**Municipal Planning Org. (MPO):** non-MPO  

**Sponsor:**  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MAJOR COLLECTOR
Need ID: 30207
Title: Harris River Bridge Replacement
Region: Southcoast
Place Name: Hollis
Highway: N/A

Project Description:
Purchase a regional standard OHV width (10 ft) bridge for the Harris River Crossing estimated to be 90-100 feet in length.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
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<td>Construction</td>
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<td>182,100</td>
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</table>

Program: Federal Lands Access Program
Primary Work: Bridge Replacement

2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hyderabad
Borough/Census Area: Prince of Wales-Hyder Census Area

Municipal Planning Org. (MPO): non-MPO
Need ID: 30211  
Title: Wrangell Non-Motorized Transportation System Development  
Region: Southcoast  
Place Name: Wrangell  
Highway: N/A  

Project Description:  
Improve or create off-road parking and new connector trails by providing hardened and delineated pathways to a network of existing informal footpaths, thus making them passable for practical, secondary transportation purposes  

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Totals</td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Program: Federal Lands Access Program  
Primary Work: Other  
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg  
Borough/Census Area: Wrangell, City and Borough of  
Municipal Planning Org. (MPO): non-MPO  
Sponsor:  
PEB Score:  
Criteria:  
Functional Class: N/A
### Need ID: 30694
### Title: City & Borough of Juneau, Electric Bus
### Region: Southcoast
### Place Name: Juneau
### Highway: N/A

**Project Description:**
FTA LoNo Emissions grant funding to purchase electric buses and charge stations.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
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<td>3PF</td>
<td>264,706</td>
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</table>

**Program:** Required programs and Preventive Maintenance

**Primary Work:** Transit

**2013 Election District:** 80 Juneau Areawide

**Borough/Census Area:** Juneau, City and Borough of

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

**Performance Measures:** CMAQ

**Sponsor:**

**PEB Score:**

**Criteria:**

**Functional Class:** N/A
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30729
Title: Inter-Island Ferry Authority (IFA) Vessel Refurbishments
Region: Southcoast
Place Name: Prince of Wales Island
Highway: Marine Highway

Project Description:
Refurbish IFA ferries to ensure regulatory compliance and up-to-date ships systems such as hull, deck, machinery, electrical, security, navigation, and passenger accommodations.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<tr>
<td>Construction</td>
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<td>Construction</td>
<td>FBF</td>
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<td>Construction</td>
<td>STP</td>
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</tbody>
</table>

Program: Alaska Highway System
Primary Work: Ferry Boats
2013 Election District: 91 Southcoast Region
Borough/Census Area: Prince of Wales-Hyder Census Area
Municipal Planning Org. (MPO): not identified

Sponsor:
PEB Score:
Criteria: Functional Class: MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

**Need ID:** 30829  
**Title:** New Gravina Island Shuttle Ferry Berth and Related Terminal Improvements  
**Region:** Southcoast  
**Place Name:** Ketchikan  
**Highway:** N/A

**Project Description:**  
Construct new ferry berth and other upland improvements to the airport ferry terminal on Gravina Island in Ketchikan, Alaska.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
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<td>Construction</td>
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**Program:** National Highway System  
**Primary Work:** New Construction  
**2013 Election District:** 36 Ketchikan/Wrangell/Metlakatla/Hydaburg  
**Borough/Census Area:** Ketchikan Gateway Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** N/A  

**Sponsor:** Southcoast  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30830
Title: Ketchikan - Revilla New Ferry Berth & Upland Improvements
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

Project Description:
Construct new ferry terminal berthing facility for the airport ferry.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
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<tr>
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<td>Construction</td>
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Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A
Sponsor: Southcoast
PEB Score:
Criteria:
Functional Class: MAJOR COLLECTOR
Need ID: 30831  
Title: Ketchikan - Revilla Refurbish Existing Ferry Berth  
Region: Southcoast  
Place Name: Ketchikan  
Highway: N/A

Project Description: 
Refurbish the existing airport ferry terminal in Ketchikan.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>EMRK</td>
<td>3,638,800</td>
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Program: National Highway System  
Primary Work: Reconstruction  
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydarburg  
Borough/Census Area: Ketchikan Gateway Borough  
Municipal Planning Org. (MPO): non-MPO  
Performance Measures: N/A

Sponsor: Southcoast  
PEB Score:  
Criteria:  
Functional Class: MAJOR COLLECTOR
### Project Description:
Construct new airport ferry passenger waiting building in Ketchikan.

### Funding Table

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</thead>
<tbody>
<tr>
<td>Construction</td>
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### Program Information
- **Program:** National Highway System
- **Primary Work:** New Construction
- **2013 Election District:** 36 Ketchikan/Wrangell/Metlakatla/Hyderabad
- **Borough/Census Area:** Ketchikan Gateway Borough
- **Municipal Planning Org. (MPO):** non-MPO
- **Performance Measures:** N/A
- **Sponsor:** Southcoast
- **PEB Score:**
- **Criteria:**
- **Functional Class:** MAJOR COLLECTOR
**Project Description:**
Construct new airport ferry layup facility on Gravina Island

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td>Construction</td>
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**Program:** National Highway System  
**Primary Work:** New Construction  
**2013 Election District:** 36 Ketchikan/Wrangell/Metlakatla/Hyderburg  
**Borough/Census Area:** Ketchikan Gateway Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** N/A  

**Sponsor:** Southcoast  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MAJOR COLLECTOR
**Need ID:** 30834  
**Title:** Ketchikan - Gravina Refurbish Existing Ferry Berth Facility  
**Region:** Southcoast  
**Place Name:** Ketchikan  
**Highway:** N/A  

**Project Description:**  
Reconstruct existing airport ferry terminal on Gravina Island.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
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</tbody>
</table>

**Program:** National Highway System  
**Primary Work:** Reconstruction  
**2013 Election District:** 36 Ketchikan/Wrangell/Metlakatla/Hyderabad  
**Borough/Census Area:** Ketchikan Gateway Borough  
**Municipal Planning Org. (MPO):** non-MPO  
**Performance Measures:** N/A  

**Sponsor:** Southcoast  
**PEB Score:**  
**Criteria:**  
**Functional Class:** MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30835
Title: Ketchikan - Gravina Freight Facility
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

Project Description:
Construct Gravina Island airport freight dock facility.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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Program: National Highway System
Primary Work: New Construction
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hy daburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A

Sponsor: Southcoast
PEB Score: Criteria: Functional Class: LOCAL
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30836
Title: Ketchikan - Replace Airport Creek Bridge
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

Project Description:
Replace the Airport Creek bridge.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Totals:</td>
<td></td>
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</tbody>
</table>

Program: National Highway System
Primary Work: Bridge Replacement
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A

Sponsor: Southcoast
PEB Score: 
Criteria: 
Functional Class: LOCAL


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

Need ID: 30887
Title: Ketchikan - Airport Shuttle Buses
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

Project Description:
Purchase accessible vehicles for airport shuttle use.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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</thead>
<tbody>
<tr>
<td>Design</td>
<td>EMRK</td>
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<td>0</td>
<td>0</td>
</tr>
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<td>Construction</td>
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</table>

Program: National Highway System
Primary Work: Transit
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A

Sponsor:
PEB Score:
Criteria:
Functional Class: MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 30949
Title: Ketchikan - Reconstruct Road to Airport Boundary
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

Project Description:
Reconstruct the road to the airport boundary on Gravina Island

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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</table>

Program: National Highway System
Primary Work: Reconstruction
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): non-MPO
Performance Measures: N/A

Sponsor:
PEB Score:
Criteria:
Functional Class: LOCAL
Need ID: 31029
Title: Ketchikan Airport Ferry Capacity Modifications
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

Project Description:
Modify existing airport ferry fleet to expand passenger and vehicle capacity.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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</thead>
<tbody>
<tr>
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Program: National Highway System
Primary Work: Ferry Boats
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): not identified
Performance Measures: N/A

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: MAJOR COLLECTOR
Need ID: 31030  
Title: Ketchikan Road and Bridge Construction & Rehabilitation  
Region: Southcoast  
Place Name: Ketchikan  
Highway: N/A  

Project Description:  
Construction and rehabilitation of Ketchikan roads and bridges in accordance with Borough transportation priorities

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
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<td><strong>Totals:</strong></td>
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</table>

Program: Community Transportation Program  
Primary Work: System Preservation  
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg  
Borough/Census Area: Ketchikan Gateway Borough  
Municipal Planning Org. (MPO): not identified  
Performance Measures: Pavement
2018-2021 Alaska Statewide Transportation Improvement Program Amendment 4; Approved September 16, 2019

Need ID: 31031
Title: Black Sands Beach Trail - Construct
Region: Southcoast
Place Name: Ketchikan
Highway: N/A

Project Description:
Construct recreational trail from Gravina Highway to Black Sands Beach State Park

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<td>Totals:</td>
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</table>

Program: Community Transportation Program
Primary Work: New Construction
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): not identified

Sponsor: 
PEB Score: 
Criteria: 
Functional Class: N/A
**Project Description:**
This project will provide for the rehabilitation of the Klondike Highway. Focus will be on rehabilitating the pavement, critical safety improvements, drainage, and related improvements as necessary.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
<th>FFY19</th>
<th>FFY20</th>
<th>FFY21</th>
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<td>Utilities</td>
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</tr>
<tr>
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<td>SM</td>
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**Program:** National Highway System  
**Primary Work:** System Preservation  
**2013 Election District:** 33 Downtown Juneau/Douglas/Haines/Skagway  
**Borough/Census Area:** Skagway, Municipality and Borough  
**Municipal Planning Org. (MPO):** not identified  
**Performance Measures:** Pavement
Need ID: 31718
Title: Ketchikan - S. Tongass Hwy - Replace Hoadley Creek Bridge
Region: Southcoast
Place Name: Ketchikan
Highway: South Tongass Highway

Project Description:
Rehabilitate or replace Hoadley Creek Bridge (Bridge #725).

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
<th>FFY21</th>
<th>After2021</th>
</tr>
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<tr>
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<td>NHPP</td>
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<td>0</td>
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<td>903</td>
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<tr>
<td>Utilities</td>
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Program: National Highway System
Primary Work: Bridge Replacement
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): not identified
Performance Measures: Bridge

Sponsor: 
PEB Score: 
Criteria: Functional Class: MAJOR COLLECTOR
2018-2021 Alaska Statewide Transportation Improvement Program
Amendment 4; Approved September 16, 2019

Need ID: 31719
Title: Ketchikan - S. Tongass Hwy - Water Street Viaduct Improvements
Region: Southcoast
Place Name: Ketchikan
Highway: South Tongass Highway

Project Description:
Rehabilitate pavement and make improvements to the Tongass Avenue and Water Street Viaduct structures (Bridge #997 and #797) and the South Tongass Highway Tunnel (Bridge #1130).

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund</th>
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<th>FFY20</th>
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<td>0</td>
</tr>
<tr>
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<td>SM</td>
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<td>22,575</td>
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<tr>
<td>Utilities</td>
<td>SM</td>
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<td>0</td>
<td>0</td>
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<td>250,000</td>
<td>410,000</td>
<td>11,490,880</td>
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Program: National Highway System
Primary Work: Bridge Rehabilitation
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg
Borough/Census Area: Ketchikan Gateway Borough
Municipal Planning Org. (MPO): not identified
Performance Measures: Bridge

Sponsor:
PEB Score:
Criteria:
Functional Class: MAJOR COLLECTOR
### Process Consultation Matrix

<table>
<thead>
<tr>
<th>Process and reference</th>
<th>Who notified/consulted</th>
<th>What actions governed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Govt-to-govt relations with federally recognized Tribes</td>
<td>DOT&amp;PF P&amp;P 01.03.010</td>
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<tr>
<td>Federal Transportation Regs 23 CFR 450.210(c) areas under Tribal gov't jurisdiction</td>
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<tr>
<td>Federal Transportation Regs MPO planning process (cooperative) 23 CFR 450.306, 314 and 316</td>
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<td></td>
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<tr>
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<td>Federal transportation regs 23 CFR 450.210(a)(viii) (Env Justice EO 12898)</td>
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<tr>
<td>Federal Transportation Regs 23 CFR 450.214(i) and 322(g) Comparison of plans/maps/inventories</td>
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<td>Public involvement procedure 17AAC 05.135 and 17AAC 05.160</td>
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<td></td>
</tr>
<tr>
<td>Alaska statute for Statewide Transportation Plan AS 44.42.050</td>
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<tr>
<td>Local planning authority consistency review AS 35.30.010</td>
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<tr>
<td>Modal Advisory boards - Aviation AS44.42.200, Marine Transportation AS19.65.110-AS19.65.195</td>
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</tr>
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</table>

*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 Alaska 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

Appendix - Consultation Matrix
Funding available to the state comes from several funding agencies, most notably the Federal Highway Administration and Federal Transit Administration. The state receives several categories of funding from each of these agencies. Each category (often referred to as fund codes) have distinctive rules for project eligibility, match ratios, and other programming factors. The following descriptions address the most significant of these categories, called apportionments.

In the project tables we’ve identified tentative apportionment designations for each proposed project. These apportionment assignments are estimates and are subject to change. The following paragraphs describe the apportionment categories, eligible project types, apportionment code and the ratio of federal funds. The proportion not paid by federal funds is the state, local or third party match.

**Fund Code Descriptions**

**3PF (Third Party Funds)** – Funding contributed by parties other than the State usually to provide required matching funds.

**AC (Advance Construction)** – An innovative financing tool permitted under FHWA rules that, with approval of the FHWA, allows the state to begin a project using state funds prior to the availability of federal funds. This tool allows the state flexibility to use its resources to more efficiently schedule project start-ups.

**ACC (Advance Construction Conversion)** – Accounting tool to track the repayment of state funds used to begin a project prior to the availability of federal funds.

**BOND (Bonds)** – Funding generated by the sale of bonds by the state.

**BUILD (Better Utilizing Investments to Leverage Development)** – BUILD transportation grants are major investments in road, rail, transit, and port projects that serve as a down payment on this administration’s commitment to America’s infrastructure

**CMAQ-F (Congestion Mitigation/Air Quality Flexible)** – These funds are for projects that can be proven to reduce traffic congestion and/or improve air quality in federally designated non-attainment areas. Projects such as park and ride lots, transit bus replacement, vehicle inspection and maintenance program improvements, signal coordination, ride sharing, and paving for dust control qualify for these funds. The federal funds ratio varies and is either 90.97% or 100% depending upon the specific category of work.

**CMAQ-M (Congestion Mitigation/Air Quality-Mandatory)** – This fund code is very similar to the CMAQ fund code listed above, but has slightly more restrictive eligibility requirements.

**CST (Cruise Ship Tax)** – Proceeds from the state tax on cruise ship passengers available to use on projects that support cruise operations.

**DBE (Disadvantaged Business Enterprise)** – A program to ensure equal opportunity in transportation contracting markets, addresses the effects of discrimination in transportation contracting, and promotes increased participation in federally funded contracts by small, socially and economically disadvantaged businesses, including minority and women owned enterprises. The statute provides that at least 10% of the amounts made available for any Federal-aid highways, mass transit, and transportation research and technology program be expended with certified DBEs.
**ER (Emergency Relief)** – Funds available for the repair of Federal-aid highways or roads on Federal lands that have been seriously damaged by natural disasters over a wide area or by catastrophic failures from an external cause.

**FBF (Ferry Boat Formula Funds)** – Under MAP-21, Ferry Boat Formula Program funds are distributed to eligible entities based on the number of passengers carried (20%), vehicles carried (45%), and total route miles (35%). Eligible entities are determined in accordance with 23 U.S.C. 129(c). Funds are available until expended. Projects must be for the construction or improvements to ferryboats or ferry terminal facilities. The federal funds ratio is 80%.

**FLAP (Federal Lands Access Program)** – Provides funds for projects on federal lands access transportation facilities. These facilities are defined as: a public highway, road, bridge, trail, or transit system that is located on, is adjacent to, or provides access to Federal lands for which title or maintenance responsibility is vested in a state, county, town, township, tribal, municipal, or local government.

**ILLU (Illustrative)** – Indicates projects that would be funded and advanced if funding becomes available either through receipt of additional funds or because another project cannot be advanced; the specific source or sources of funds will be determined when and if the project is selected to be funded.

**NHPP (National Highway Performance Program)** – In MAP-21 section 1106, Congress designated the NHPP to provide support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State’s asset management plan for the NHS. This funding code incorporates previous NHS, IM and some BR fund codes. The federal funds ratio is 90.97%.

**OJT (On the Job Training)** – The primary objective of the OJT Program is to train and upgrade minorities and women into higher paying skilled trades and transportation technology related careers to meet the projected labor needs. Under Section 22 of the Federal-aid Highway Act of 1968 (Public Law 90-495), State highway agencies are required to certify that there are available apprenticeship, skill improvement or other upgrading programs registered with the Department of Labor or the appropriate State agency.

**OSF (Other State Funds)** – Funding from non-federal state funds that have been appropriated.

**PLNG (State Planning)** – These funds are designated for the mandatory planning tasks the department undertakes, including preparation of the Statewide Transportation Plan and State Transportation Improvement Program (STIP), statistical measurements of the transportation system (traffic volumes, pavement condition, accident locations, causes and severity, and physical characteristics of roads and highways), mapping, and management systems. The federal funds ratio is 80%.

**RES (Research)** – These funds are designated for research tasks the department undertakes, including engineering and economic studies and applied research. The federal funds ratio is 80%.

**RHE (Rail Hazard Elimination Program)** – This purpose of this program is to reduce the number of fatalities and injuries at public highway-rail grade crossings through the elimination of hazards and/or the installation/upgrade of protective devices at crossings. This program funds the federal requirement that each state conducts and systematically maintain a survey of all highways to identify railroad crossings that may require separation, relocation, or protective devices, and establish and implement a schedule of projects for this purpose. The federal funds ratio is 90%.
**RTP (Recreational Trails Program)** – This funding category is intended to develop and maintain recreational trails and trail related facilities for both non-motorized and motorized recreational trail uses. This program is administered by the Department of Natural Resources. The federal funds ratio is 90.97%.

**S148 (Safety Sanction)** – This special category of MAP-21 safety funds addresses highway safety improvement projects similar to Safety (SA) below. New SA funding terminated following 2012 apportionment with the passage of MAP-21. The funds are made available by a sanction, or reduction, to Alaska’s NHPP and STP apportionments. Each year, 2.5% of these program funds are reallocated because Alaska does not have conforming laws addressing repeat DUI and open alcoholic containers on motorcycles. The federal share is 100%.

**SA (Safety)** – Safety projects include hazard elimination, railroad crossing, and railroad protective devices. In order to qualify, the project must be identified through the Highway Safety Improvement Program, which seeks to identify hazardous locations throughout the state based on accident histories. The federal funds ratio varies and is either 90% or 100% depending upon the specific category of work.

**SFF (Special Federal Funds)** – Federal funding received outside of the regular federal transportation funding and authorization bill. For example, in 2019 Congress appropriated funds to the U. S. Department of Transportation through the Consolidated Appropriations Act of 2019. These funds were not part of the Fixing America’s Surface Transportation Act, passed in 2015.

**SM (State Match)** – The State’s share of project costs required to match federal program funds. Depending on the particular federal program requirements, the state’s share of the costs, the state match required, will vary from as little as zero percent to as much as 50%. Most often the state’s share will range from 9.03% to 20%.

**STP (Surface Transportation Program)** – Flexible funding that may be used by the state and localities for projects on any Federal-aid highway, including the NHS, bridge projects on any public road, transit capital projects, bus terminals and facilities. Unlike other states, Alaska is allowed to use these funds on any public road in Alaska, regardless of classification. The federal funds ratio varies, typically 93.4% for interstate routes or 90.97% otherwise.

**TAP (Transportation Alternatives Program)** – The Moving Ahead for Progress in the 21st Century Act (MAP-21) replaced Transportation Enhancements (TE), Recreational Trails, and Safe Routes to School programs with Transportation Alternatives (TA). A new program funded through a set-aside from Surface Transportation Program (STP). A further set-aside is taken from Transportation Alternatives to fund the Recreational Trails Program (RTP).

Transportation Alternatives provides funding for programs and projects including on-and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation, community improvement activities, and environmental mitigation; safe routes to school projects; and projects for the planning, design or construction of boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways.

**URPL (Metropolitan Planning)** – In Alaska, these funds can be used in any urban area within the state. Planning processes and special planning studies are eligible activities within this program. The federal funds ratio is 90.97%.

**TRANSIT AND RAIL Fund Codes**
5307 (Urban Formula) – The Urbanized Area Formula Funding program (49 U.S.C. 5307) makes Federal resources available to urbanized areas and to Governors for transit capital and operating assistance and for transportation related planning in urbanized areas. An urbanized area is a Census-designated area with a population of 50,000 or more as determined by the U.S. Department of Commerce, Bureau of the Census.

5307RR (Alaska Railroad Passenger Operations) – A portion of Section 5307 funds, Capital and Operating Funds for Urbanized Areas specifically set aside for the Alaska Railroad for costs related to passenger operations.

5309 (Capital Program) – This program provides capital assistance for three primary activities:
- 5309BU – New and replacement buses and facilities
- 5309FG – Modernization of existing rail and ferry systems
- 5309NS – (New Starts) New fixed-guideway systems (including ferry systems)

Congress usually fully earmarks all available funding. In SAFETEA-LU Congress set aside a portion of the New Start funds for capital improvements on Alaska and Hawaii ferry systems (the two states split the set-aside). Congress also set aside a portion of the Capital Program New Starts funds for the Denali Commission for docks, waterfront development projects, and related transportation infrastructure. On occasion, a recipient agency will apply for section 5309 funds on behalf of transit agencies throughout the state and ask DOT&PF to administer these funds. When this happens, the funds are distributed through the annual Alaska Community Transportation Grant application process. The federal funds ratio is 80%.

5310 (Elderly and Persons with Disabilities Program) – This program funds transportation services to meet the special needs of the elderly and persons with disabilities. Funds are apportioned to the states based on the number of elderly and persons with disabilities in each state. Grants are available to nonprofit organizations (and sometimes governmental entities approved by the state) for the purchase of vehicles, related equipment, and the purchase of rides. SAFETEA-LU listed Alaska as one of a select group of states to participate in a pilot program that would allow a portion of these funds to be used to cover operating costs (at a 43.14% match) of projects that meet the special needs of elderly individuals and individuals with disabilities. The federal funds ratio for the remainder of these funds is 90.97%.

5311 (Non-urbanized Area Formula Program) – This program provides funding to enhance public transportation in rural and small urban areas. It also assists in the maintenance, development, improvement, and use of public transportation systems. A component of this program is the Rural Transit Assistance Program (RTAP), which provides training and technical assistance to transit operators. The federal funds ratio is 90.97% for capital projects and project administration, and up to 56.86% for operating assistance. RTAP projects are 100% federally funded.

5337GR (Section 5337 State of Good Repair) – A new formula-based State of Good Repair program is FTA’s first stand-alone initiative written into law that is dedicated to repairing and upgrading the nation’s rail transit systems along with high-intensity motor bus systems that use high-occupancy vehicle lanes, including bus rapid transit (BRT). These funds reflect a commitment to ensuring that public transit operates safely, efficiently, reliably, and sustainably so that communities can offer balanced transportation choices that help to improve mobility, reduce congestion, and encourage economic development.

5339 (Bus and Bus Facilities) – Funding for capital expenses for eligible rural public transit systems.

PTC (Positive Train Control) – Competitive discretionary grant funding for projects providing significant impacts to the nation, a region, or metropolitan area for eligible railroad safety technology projects.