



U.S. DEPARTMENT OF TRANSPORTATION

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

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

March 22, 2022

Mr. Ryan Anderson
Commissioner
Alaska Department of Transportation and Public Facilities
P.O. Box 112500
Juneau, AK 99811-1125

Dear Mr. Anderson:

Your transmittal on March 14, 2022 requested approval to incorporate Amendment 5 of the 2019 - 2023 Fairbanks Area Surface Transportation (FAST) Planning Transportation Improvement Program (TIP) into the Statewide Transportation Improvement Program (STIP). The changes to the TIP are exempt from conformity and an air quality conformity determination is not required per 40 CFR 93.104(c). The STIP remains fiscally constrained.

If you have any questions concerning our joint action of this STIP amendment, please contact Kathryn Wenger, FHWA Community Planner (907) 586- 7428, or Ned Conroy, FTA Community Planner at (206) 220-4318.

Sincerely,

**SANDRA A
GARCIA-ALINE**

Digitally signed by
SANDRA A GARCIA-ALINE
Date: 2022.03.28 13:10:17
-08'00'

Sandra Garcia-Aline
Division Administrator
Federal Highway Administration

**NED P
CONROY**

Digitally signed by
NED P CONROY
Date: 2022.03.22
14:27:38 -07'00'

Linda M. Gehrke
Regional Administrator
Federal Transit Administration

Cc:

Randi Bailey, FAST Planner, DOT&PF

Judy Chapman, Planning Chief, Fairbanks Field Office, DOT &PF

Ned Conroy, Community Planner, Federal Transit Administration

Jackson Fox, FAST Executive Director

James Marks, Program Development Director, DOT&PF

Adam Moser, Acting Division Operations Manager, Program Development, DOT &PF

Ned Conroy, FTA



THE STATE
of ALASKA
GOVERNOR MIKE DUNLEAVY

Department of Transportation and
Public Facilities

OFFICE OF THE COMMISSIONER
Ryan Anderson, Commissioner

PO Box 112500
Juneau, Alaska 99811-2500
Main: 907.465.3900
dot.alaska.gov

March 10, 2022

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

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

Dear Ms. Garcia-Aline and Ms. Gehrke:

The Fairbanks Area Surface Transportation (FAST) Planning Policy Committee approved Amendment #5 to the FAST 2019-2023 Transportation Improvement Program (TIP) on February 23, 2022.

In accordance with the agreement between FAST and Alaska Department of Transportation & Public Facilities (DOT&PF), the FAST metropolitan planning organization (MPO) coordinator and FAST Policy Committee has determined Amendment #5 to the FAST 2019-2023 TIP has met all the requirements of US Code Title 23, Section 134 and is fiscally constrained by the allocations made in the 2020-2023 Statewide Transportation Improvement Program (STIP). These changes are exempt from conformity and a conformity determination is not required per 40 CFR 93.104(c).

Your approval of Amendment #5 to the FAST 2019-2023 TIP is recommended and required as the statutory designee for all state transportation planning matters.

Sincerely,

A handwritten signature in blue ink, appearing to be "RA", written over a horizontal line.

Ryan Anderson, P.E.
Commissioner

Enclosures (2)

cc: Randi Bailey, FAST Planner, DOT&PF
Judy Chapman, Planning Chief, Fairbanks Field Office, DOT&PF
Ned Conroy, Community Planner, Federal Transit Administration
Jackson Fox, FAST Executive Director
James Marks, Program Development Director, DOT&PF
Adam Moser, Acting Division Operations Manager, Program Development, DOT&PF
Kathryn Wenger, Transportation Planner, Federal Highway Administration

"Keep Alaska Moving through service and infrastructure."



February 24, 2022

Joe Kemp, P.E., Northern Region Director
Alaska Department of Transportation & Public Facilities
2301 Peger Road
Fairbanks, Alaska 99709

Subject: **Transmittal of FAST Planning FFY2019-23 TIP Amendment #5**

Dear Mr. Kemp,

Attached for approval and inclusion in the Statewide Transportation Improvement Program (STIP) is the Fairbanks Area Surface Transportation Planning (FAST Planning) FFY2019-23 Transportation Improvement Program (TIP) Amendment #5. The FAST Planning Policy Board approved this document on February 23, 2022.

Once the Commissioner's approval is received, please incorporate TIP Amendment #5 into the STIP as required under 23 U.S.C. 135. Your prompt attention to this task would be greatly appreciated by FAST Planning. If you have any questions or need additional information, please contact me at jackson.fox@fastplanning.us or (907) 590-1618.

Sincerely,

Jackson C. Fox
Executive Director

Attachments: FFY2019-23 TIP Amendment #5
Summary of Changes
December 9, 2021 Interagency Consultation Meeting Notes
February 23, 2022 Policy Board Action Items

Copy: Randi Bailey, Alaska DOT&PF Northern Region



FFY2019-23
Transportation Improvement Program
Amendment #5
Approved February 23, 2022

FFY2019-23 Transportation Improvement Program Amendment #5 Table of Contents

Introduction	INTRO 1 – 11
Projects	1 - 9
5 th Avenue Reconstruction.....	1
Airport West Bicycle & Pedestrian Facility	1
Advanced Project Definition	1
Barnette Street Reconstruction.....	1
Bike Lane Signing & Striping	1
Chena River Walk Stage III	2
College Road Bus Pullouts.....	2
Coordinators Office.....	2
Cowles Street Reconstruction.....	3
Cushman Street Bridge Rehabilitation	3
Fairbanks Rail/Road Crossing Reduction/Realignment Plan	3
FAST Improvement Program.....	4
FAST Intersection Improvement Program	4
FAST Safety and Efficiency Program	4
FAST Sidewalk Improvement Program	5
Gillam Way Reconstruction	5
Holmes Road Reconstruction.....	5
Lacey Street Reconstruction	6
Lathrop Street Extension	6
McGrath Road Upgrade	6
Metropolitan Transportation Plan Update	6
Minnie Street Upgrade	7
Nelson Road Widening.....	7
Non-motorized Plan Update	7
North Pole Streetlight Standardization – Phase I	7
Old Richardson Highway Intersection Improvements	8
Road Service Area Expansion Plan	8
Sign Replacement Stage III	8
Tanana Loop and South Chandalar Drive Intersections.....	8
Wembley Avenue Improvements	9
Woll Road Resurfacing & Widening	9
Yankovich/Miller Hill Road Reconstruction	9
Funding Summary	10

INFORMATION TABLES

FTA Projects.....	11-12
Urbanized Area Formula Grant - FNSB	11
Urbanized Area Formula Grant - ARRC	11
Transit Security - ARRC.....	11
MACS Fleet Transition to CNG	11
Rural Transit - FNSB	11

State of Good Repair - ARRC	11
Enhanced Mobility for Seniors and Individuals with Disabilities	12
Transit & Administrative Maintenance Facility - Phase II	12
Van Tran Fleet Transition to CNG	12
Bus and Bus Facility Allocations - FNSB	12
Urbanized Area Formula Grant - FNSB	12
Bus & Bus Facility Competitive Grant	12
NHS Projects	13-14
Airport Way/Cushman Street Intersection Reconstruction.....	13
Airport Way/Steese Expressway Reconstruction	13
Airport Way (West) Improvements	13
Richardson Highway MP 357 – 362 Bicycle/Pedestrian Path	13
Richardson Highway MP 351 Interchange.....	13
Richardson Highway MP 353 – 357 Access/Safety Improvements	13
Richardson Highway MP 360-361 (MP 359) Railroad Grade Separated Facility	14
Steese Highway and 3 rd Street Widening.....	14
Steese Highway MP 4.5 (CHSR) Off-Ramp Bypass Lane.....	14
Steese Highway/Johansen Expressway Interchange	14
University Avenue Widening	14
University Avenue Rehabilitation: Wolf Run to DNR BLM Access	14
University Avenue Rehabilitation: DNR BLM Access to Rewak Drive.....	14
University Avenue Segment 2B Airport Way to Mitchell Expressway Phase 1	14
Other Major Projects	15-16
Aurora Drive- Noyes Slough Bridge	15
Badger Road-Two Way Left Turn Lane	15
Chena Hot Springs Road MP 0-6	15
Chena Pump Road Bike & Pedestrian Facility Rehabilitation	15
City of Fairbanks Systematic Signal Upgrades	15
College Road Median Extension	15
Fairbanks North Pole Serious SIP	15
Interior Alaska Transportation Plan.....	16
Northern Region ADA Reconnaissance & Improvements.....	16
Steese Hwy / Chena Hot Springs Rd Ramp Termini Roundabouts	16
Old Steese Highway Reconstruction.....	16
Pavement & Bridge Preservation (DOT&PF Preventative Maintenance Program)	16
Wendell Avenue Bridge	16
CMAQ Projects	17
Northern Region Signal Interconnect	17
Fairbanks Air Quality Planning Project	17
Committed Measures for the Fairbanks SIP	17
Statewide Congestion Mitigation and Air Quality	17

FFY2019-23 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #5
Approved February 23, 2022

INTRODUCTION

This is the Fairbanks Area Surface Transportation (FAST) Planning 2019 – 2023 Transportation Improvement Program (FFY19-23 TIP) Amendment #5. In addition to capturing minor adjustments with FFY21 yearend obligations, the primary purpose of the Amendment is to: (1) delay construction of the Chena Riverwalk project from FFY22 to FFY24 due to right-of-way phase delays; (2) accelerate construction of the North Pole Streetlight Standardization project from FFY23 to FFY22; and (3) fully fund the recent project increases for the Cushman Bridge Rehabilitation construction phase, Chena Riverwalk right-of-way phase, Old Richardson Highway Intersections utilities phase, and FAST Improvement Program construction phase. This Amendment was reviewed at the December 1, 2021 FAST Planning Technical Committee meeting and authorized to be release for public comment at the December 15, 2021 FAST Planning Policy Board meeting. The public comment period was open December 19, 2021 to January 21, 2022, and no comments were received. The Policy Board approved this Amendment on February 23. All of the Technical Committee and Policy Board meetings were open to the public for the opportunity to provide testimony. An interagency consultation for air quality conformity was also held for this Amendment on December 9, 2021 with the Alaska Department of Environmental Conservation (ADEC), U.S. Environmental Protection Agency (EPA), Federal Highway Administration (FHWA), Federal Transit Administration (FTA), and Alaska DOT&PF. The agencies present at the meeting concurred that a new conformity analysis/determination would not be required for the proposed changes to the TIP. The TIP continues to be fiscally constrained.

The original FFY19-23 TIP was developed in direct coordination with projects and timelines listed in the 2045 Metropolitan Transportation Plan (MTP), the long-range transportation plan for the Fairbanks and North Pole areas adopted by the FAST Planning Policy Board in December 2018.

Development of the TIP was initiated in January 2019 following development of the 2045 MTP and adoption of revised project scoring criteria and a new project nomination form. A call for project nominations was issued, and 10 project nominations were received – including seven road projects and three non-motorized projects, as summarized below:

<u>Road Projects</u>	<u>Score</u>
1. 5 th Avenue Reconstruction	158
2. Lacey Street Reconstruction	150
3. Bradway Road Reconstruction	117

This report was funded in part through grant(s) from the Federal Highway Administration, U.S. Department of Transportation. The views and opinions of Fairbanks Area Surface Transportation Planning expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

**FFY2019-23 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #5
Approved February 23, 2022**

4.	Peridot Street Rehabilitation	107
5.	Woll Road Resurfacing & Widening	101
6.	Roland Road Improvements	100
7.	Nelson Road Widening	90

Non-motorized Projects

1.	City Bike Lane Striping & Signing	123
2.	Airport West Bicycle & Pedestrian Facility	121
3.	Chena Lakes/Plack Road Bicycle & Pedestrian Facility	81

Due to funding limitations with carrying forward projects from the FFY17-20 TIP and eligibility concerns with some of the projects nominated, only two road projects (5th Avenue and Woll Road) and one non-motorized project (Airport West Bicycle & Pedestrian Facility) were incorporated into the Draft TIP. The Draft TIP was reviewed on February 6, 2019 by the FAST Planning Technical Committee, and approved on February 27 by the FAST Planning Policy Board for release for public review and comment. The Draft TIP was subsequently issued for public comment March 3 to April 3, and a public open house event was held on March 12. The document also included a draft Air Quality Conformity Determination, which had the same public comment period, and an Interagency Consultation on the draft determination took place on March 27. In total, 44 comments were received on the Draft TIP during the public comment period. Revisions were then made to the TIP based on comments received, new information about project schedules, and estimates prepared by the Alaska Department of Transportation & Public Facilities (DOT&PF). The final draft of the TIP was then reviewed again by the Technical Committee on April 3 and adopted by the Policy Board on April 17 without amendment.

The original TIP and Administrative Modifications #1 and #2, Amendment #3, Administrative Modification #4, and Amendment #5 are fiscally constrained and were developed in conformance with 23 USC 134, 49 USC 5303, 23 CFR Part 450, sections 174 and 176 (c) and (d) of the Clean Air Act as amended (42 USC 7504, 7506 (c) and (d)), 40 CFR Part 93, Title VI of the Civil Rights Act as amended (42 2000d-1) and 49 CFR Part 21, 49 USC 5332, Section 1101(b) of the SAFETEA-LU (Pub. L 109-59 and 49 CFR part 26, 23 CFR part 230, provisions of the Americans with Disabilities Act of 1990 (42 USC 12101 *et seq.*), 49 CFR parts 27, 37, and 38, the Older Americans Act as amended (42 USC 6101), 23 USC 324, Section 504 of the Rehabilitation Act of 1973 (29 USC 794) and 49 CFR 27 and all other applicable federal requirements for Metropolitan Planning Organizations.

This report was funded in part through grant(s) from the Federal Highway Administration, U.S. Department of Transportation. The views and opinions of Fairbanks Area Surface Transportation Planning expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

FFY2019-23 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #5
Approved February 23, 2022

Air Quality Conformity

The FFY19-23 TIP was developed in direct coordination with projects and timelines listed in the 2045 MTP for which an Air Quality Conformity Analysis was completed that found the following key determinations:

- Total regional vehicle-related PM_{2.5} and NO_x precursor emissions associated with implementation of the 2045 MTP for the required analysis years of 2019, 2025, 2035, and 2045 have been estimated and found to be below the applicable motor vehicle emission budgets established under the Moderate State Implementation Plan.
- All CO conformity requirements are met.
- Interagency consultation was conducted in accordance with federal requirements.

The FHWA and FTA reviewed the Air Quality Conformity Analysis and approved the conformity determination on January 30, 2019. Since the FFY19-23 TIP was based on the projects and timelines listed in the 2045 MTP, 40 CFR 93.122(g) permits reliance on the regional emissions analysis from the MTP. Every project in the FFY19-23 TIP was included in the 2045 MTP and associated Air Quality Conformity Analysis, with the exception of one project – Woll Road Resurfacing & Widening. This project proposes to resurface the existing roadway and widen shoulders to better accommodate bicyclists, pedestrians, and move mailboxes further away from the travel lanes, and is exempt from the requirement to determine conformity in accordance with 40 CFR 93.126 – Pavement Resurfacing and/or Rehabilitation; Widening Narrow Pavements; Shoulder Improvements; and Projects that Correct, Improve, or Eliminate a Hazardous Feature. Based on this analysis, FAST Planning finds the FFY19-23 TIP meets air quality conformity requirements.

This draft determination was issued for public comment March 3 to April 3, 2019, concurrent with the Draft FFY19-23 TIP. No public comments were received regarding air quality during the comment period. An Interagency Consultation on this analysis was also performed on March 27 with federal and the local air quality planning agencies, including the FTA, U.S. EPA, ADEC, and Fairbanks North Star Borough (FNSB) during the public comment period and no issues were raised with the determination. Following approval of the FFY19-23 TIP by Alaska DOT&PF, the document was transmitted to FHWA and FTA for their joint approval of the determination. The determination was approved by the FHWA and FTA on June 26, 2019.

This report was funded in part through grant(s) from the Federal Highway Administration, U.S. Department of Transportation. The views and opinions of Fairbanks Area Surface Transportation Planning expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

FFY2019-23 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #5
Approved February 23, 2022

Performance Measures

The table on the following page summarizes the anticipated benefit of each project in the FFY19-23 TIP making progress towards achieving the performance measures included in the 2045 MTP. FAST Planning has adopted the Alaska DOT&PF's targets for each the following measures:

- Safety (Fatalities & Serious Injuries; Motorized & Non-motorized)
- Pavement & Bridge Condition
- Travel Time Reliability
- Congestion Mitigation & Air Quality (CMAQ)

For safety, FAST Planning has revised and adopted new project scoring criteria with safety considerations being the highest weighted category. This new criteria was used to score the new projects incorporated into the FFY19-23 TIP. For pavement and bridge condition, the TIP is funding many resurfacing and reconstruction projects where pavement is failing, including partnering with Alaska DOT&PF on resurfacing projects on the National Highway System through the FAST Improvement Program. For travel time reliability, the TIP includes many projects that improve connectivity to provide alternate routes, widened shoulders to accommodate space for vehicles should a traffic accident occur, and resurfacing projects that reduce the amount of maintenance activities on those roads. And for CMAQ, by policy FAST Planning invests 20-percent of our federal funds on non-motorized projects to provide transportation alternatives to vehicles.

This report was funded in part through grant(s) from the Federal Highway Administration, U.S. Department of Transportation. The views and opinions of Fairbanks Area Surface Transportation Planning expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

**FFY2019-23 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #5
Approved February 23, 2022**

#	Project	Safety	Pavement & Bridge Condition	Travel Time Reliability	CMAQ
1	5th Avenue Reconstruction	X	X		X
2	Airport West Bicycle & Pedestrian Facility	X		X	X
3	Advanced Project Definition				
4	Barnette Street Reconstruction	X	X	X	X
5	Bike Lane Signing & Striping				X
6	Chena River Walk Stage III				X
7	College Road Bus Pullouts	X		X	X
8	Cowles Street Reconstruction	X	X	X	X
9	Coordinators Office				
10	Cushman Street Bridge Rehabilitation		X		
11	Fairbanks Rail/Road Crossing Reduction/Realignment Plan	X		X	X
12	FMATS Improvement Program		X		
13	FMATS Intersection Improvement Program	X	X		X
14	FMATS Safety and Efficiency Program	X			X
15	FMATS Sidewalk Improvement Program	X			X
16	Gillam Way Reconstruction	X	X		X
17	Lacey Street Reconstruction	X	X		X
18	Lathrop Street Extension			X	
19	McGrath Road Upgrade		X		
20	Metropolitan Transportation Plan Update				X
21	Minnie Street Upgrade	X	X		X
22	Nelson Road Bicycle & Pedestrian Facility	X			X
23	Non-motorized Plan Update				X
24	North Pole Streetlight Standardization				
25	Old Richardson Highway Intersection Improvements	X		X	X
26	Road Service Area Expansion		X		
27	Sign Replacement Stage III				
28	Tanana Loop and South Chandalar Drive Intersections	X		X	X
29	Wembley Avenue Improvements	X			X
30	Woll Road Resurfacing & Widening	X	X	X	X
31	Yankovich/Miller Hill Road Reconstruction	X	X	X	X

This report was funded in part through grant(s) from the Federal Highway Administration, U.S. Department of Transportation. The views and opinions of Fairbanks Area Surface Transportation Planning expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

FFY2019-23 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #5
Approved February 23, 2022

Major Projects

Major projects from the previous FFY17-20 TIP that were completed include Noble Street Upgrade and Birch Hill Bicycle & Pedestrian Facility. In this TIP, major projects anticipated to be completed include Cowles Street Reconstruction, Cushman Street Bridge Rehabilitation, Gillam Way Reconstruction, and Yankovich/Miller Hill Road Reconstruction projects. Two of these projects have recently experienced delays, as outlined below, and schedule adjustments were made between the FFY17-20 TIP and FFY19-23 TIP:

- Cushman Street Bridge Rehabilitation – this project was delayed two years to accommodate replacement of the Wendell Avenue bridge, which is scheduled for construction over two years starting in 2020. The Wendell Avenue bridge project is GO bond funded and was recently unpaused by former Governor Walker.
- Yankovich/Miller Hill Road Reconstruction – this project has been delayed two years due to ROW acquisition (numerous strip acquisitions on residential parcels) needed to widen Yankovich Road.

Transportation Control Measures

The EPA designated the Fairbanks and North Pole areas as nonattainment areas for carbon monoxide (CO) in 1991. In 1998, Fairbanks was reclassified as a “serious” nonattainment area for failing to attain the ambient eight-hour CO health standard by the December 1995 deadline. As a serious nonattainment area, Fairbanks was required to prepare a State Implementation Plan (SIP) that demonstrated attainment by December 2000. In July 2002, the EPA announced the Fairbanks serious CO nonattainment area attained air quality standards for CO by its attainment date. In July 2004, the EPA announced it approved a CO Maintenance Plan and re-designated the Fairbanks CO nonattainment area to attainment with an effective date of September 27, 2004.

A portion of the FNSB, including the entire Metropolitan Planning Area, was also designated as a nonattainment area for Particulate Matter (PM 2.5) in 2009. In November 2013, the EPA proposed a new rule, effective July 2014, that identified those states in nonattainment for PM2.5 as “moderate” areas and proposed a new due date for submittal of moderate nonattainment area SIPs to EPA. The ADEC along with the FNSB developed a SIP and associated PM2.5 emissions budgets and submitted to the EPA on December 31, 2014. The EPA later reclassified the nonattainment area

This report was funded in part through grant(s) from the Federal Highway Administration, U.S. Department of Transportation. The views and opinions of Fairbanks Area Surface Transportation Planning expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

FFY2019-23 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #5
Approved February 23, 2022

from “moderate” to “serious” with an effective date of June 9, 2017. Reclassification requires an update to the SIP to meet additional requirements that were triggered upon the reclassification.

ADEC adopted a Serious SIP on November 19, 2019, and later adopted amendments to the SIP on November 18, 2020. No Transportation Control Measures (TCMs) were included in the Final SIP; however, FAST Planning is executing projects and programs supportive of the SIP including the following:

- Expanded Availability of Motor Vehicle Plug-ins
- Conversion of the Transit Fleet from Diesel to Compressed Natural Gas
- Adaptive Signal Control and Access Management to Reduce Idling Times
- Highway Message Board Signs to Notify Public of Air Quality Alerts
- Purchase of Equipment to Improve Efficiency of Snow Plow Operations on Non-motorized Facilities

This report was funded in part through grant(s) from the Federal Highway Administration, U.S. Department of Transportation. The views and opinions of Fairbanks Area Surface Transportation Planning expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

FFY2019-23 TRANSPORTATION IMPROVEMENT PROGRAM

AMENDMENT #5

Approved February 23, 2022

ACRONYMS AND DEFINITIONS

General Definitions

AC – Advance Construction

ACC – Advance Construction Conversion

BANK - Banking

AMATS – Anchorage Metropolitan Area Transportation Solutions

CMs – Contingency Measures

EPA – Environmental Protection Agency

FHWA – Federal Highway Administration

FAST Act – Fixing America’s Surface Transportation Act

FAST Planning – Fairbanks Area Surface Transportation Planning

FTA – Federal Transit Administration

MAP-21- Moving Ahead for Progress in the 21st Century

MPO – Metropolitan Planning Organization

M & O - Maintenance and Operations

PPP – Public Participation Plan

SAFETEA-LU – Safe, Accountable, Flexible, Efficient Transportation Equity Act – Legacy for Users

SIP – State Implementation Plan

TAP – Transportation Alternative Program

TCMs – Transportation Control Measures

TIP –Transportation Improvement Program

SURFACE TRANSPORTATION FUNDING SOURCES

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.

AARC – Funds available through the Alaska Railroad Corporation.

Bank – Funds that were banked from one year to the next under agreement with ADOT&PF.

This report was funded in part through grant(s) from the Federal Highway Administration, U.S. Department of Transportation. The views and opinions of Fairbanks Area Surface Transportation Planning expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

FFY2019-23 TRANSPORTATION IMPROVEMENT PROGRAM

AMENDMENT #5

Approved February 23, 2022

CMAQ (Congestion Mitigation/Air Quality) – These funds are for projects that can be proven to reduce traffic congestion and/or improve air quality in federally designated non-attainment areas. Projects such as park and ride lots, transit bus replacement, vehicle inspection and maintenance program improvements, signal coordination, ride sharing, and paving for dust control qualify for these funds. The federal funds ratio varies and is either 90.97% or 100% depending upon the specific category of work.

FAF (FAST Planning Appropriation Funds) and FAM (FAST Planning Appropriation Match) – These funds are other FAST Planning funds used to supplement projects. Examples of funding sources include:

- **381** – Funds made available in FY07 under SB381. CH82/06/120/18, AR60685.
- **DEOB/Offset** – Federal funding, including the non-federal share, that has been de-obligated from another federal project and is now available for use on another project. This funding is shown as informational only and only after it has been approved by the proper authority for changes and overruns during construction or to bring a project up to low bid, as requested, prior to the submittal of a PDA request.
- **GF** – General fund appropriation available for use on any project.
- **SB46** – A FY12 state fund appropriation of \$5 million available to any project in the FAST Planning TIP. CH5/11/100/8, AR65818.
- **SB160** – A FY13 state fund appropriation of \$7.5 million available to any project in the FAST Planning TIP. CH17/12/132/25, AR58609.
- **SB230** – A FY11 state fund appropriation of \$5 million available to any project in the FAST Planning TIP. CH43/10/36/24, AR65439.

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%.

CONP – Funds made available to the FAST Planning Coordinator's office from the City of North Pole.

This report was funded in part through grant(s) from the Federal Highway Administration, U.S. Department of Transportation. The views and opinions of Fairbanks Area Surface Transportation Planning expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

FFY2019-23 TRANSPORTATION IMPROVEMENT PROGRAM

AMENDMENT #5

Approved February 23, 2022

PL – These funds are designated for the mandatory planning tasks the department undertakes, including preparation of the Statewide Transportation Plan (SWTP) 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. In Alaska, these metropolitan planning 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%.

SM (State Match) – The state’s share of project costs required to match federal program funds. Depending on the particular federal program requirements, the state’s share of the costs, the state match required, will vary from as little as zero percent to as much as 50%. Most often the state’s share will range from 9.03% to 20%.

STP (Surface Transportation Program) – Flexible funding that may be used by the state and localities for projects on any Federal-aid highway, including the NHS, bridge projects on any public road, transit capital projects, bus terminals and facilities. Unlike other states, Alaska is allowed to use these funds on any public road in Alaska, regardless of classification. The federal funds ratio varies, typically 93.4% if spent on interstate routes or 90.97% otherwise.

TAP (Transportation Alternatives Program) – The Moving Ahead for Progress in the 21st Century Act (MAP-21) replaced the Transportation Enhancement (TE) activities with the Transportation Alternatives Program (TA), a new program, with funding derived from the NHPP, STP, HSIP, CMAQ and Metropolitan Planning programs, encompassing most activities funded under the Transportation Enhancements, Recreational Trails, and Safe Routes to School programs under SAFETEA-LU. The federal funds ratio can be 80% or 90.97%. This program of funds is found in the STIP under Need ID 30689.

RPL (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 (Capital and Operating Funds for Urbanized Areas) – These funds are distributed to eligible urban areas according to a federally mandated formula based on population, population density, and level of public transportation service. The eligible transit operations in Alaska for this program are in Anchorage and Fairbanks. Urban areas with populations over 200,000 (Anchorage) receive funds directly from FTA and may use their funds for capital investments. Urban areas with

This report was funded in part through grant(s) from the Federal Highway Administration, U.S. Department of Transportation. The views and opinions of Fairbanks Area Surface Transportation Planning expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

FFY2019-23 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #5
Approved February 23, 2022

populations under 200,000 (Fairbanks) may use the funds for both operations and capital projects. In each case the project selections are made by the MPO and are listed in its TIP.

5307RR - FTA (Alaska Railroad Passenger Operations) – A portion of Section 5307 funds, Capital and Operating Funds for Urbanized Areas specifically set aside for the Alaska Railroad for costs related to passenger operations.

5309 - FTA (Capital Program) – This program provides capital assistance for three primary activities:

- **(5309BU)** New and replacement buses and facilities
- **(5309FG)** Modernization of existing rail and ferry systems
- **(5309NS)** (New Starts) New fixed-guideway systems (including ferry systems)

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.

For more information, please contact:

*Jackson Fox, Executive Director
Fairbanks Area Surface Transportation Planning
100 Cushman Street, Suite 205
Fairbanks, AK 99701
PHONE: 907.590.1618
EMAIL: jackson.fox@fastplanning.us*

This report was funded in part through grant(s) from the Federal Highway Administration, U.S. Department of Transportation. The views and opinions of Fairbanks Area Surface Transportation Planning expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

FAST Planning FFY19-23 Transportation Improvement Program (TIP) Amendment #5 - Summary of Changes
February 23, 2022

Project	Description
1 Advanced Project Definition	Updated Project Number
2 Airport West Bicycle & Pedestrian Facility	Reduced construction phase funding from \$1.1 million to \$827.9k per final estimate and obligation by DOT&PF; funding reduction applied as AC paypack to the Sign Replacement Stage III project
3 Chena Riverwalk	Added \$204.2k STP/CMAQ funding to right-of-way phase based on latest estimate from DOT&PF (Policy Board approved 10.20.2021); moved utilities phase placeholder from FFY22 to FFY23; moved construction phase from FFY22 to FFY24 per Technical Committee recommendation to fund construction increase for Cushman Street Bridge Rehabilitation
4 College Road Bus Pullouts	Removed utilities phase placeholder
5 Coordinators Office	Added new Need ID and Project Number
6 Cushman Street Bridge Rehabilitation	Removed design phase placeholder; reduced construction phase funding from \$5.3 to \$4.2 million per final estimate from DOT&PF; increased construction phase funding from \$4.2 to \$5.5 million per low bid amount (Policy Board approved 01.19.2022)
7 Fairbanks Road/Rail Crossing Reduction Plan	Increased offset funding from \$47.6k to \$51.9 for planning phase to add ICAP and DOT&PF oversight costs for consultant contract amendment (Policy Board approved 06.16.2021)
8 FAST Improvement Program	Added \$40.0k offset funding to FFY21 construction phase for FFY20 construction overruns, change orders, and CENG (Executive Director approved 07.09.2021); added \$104.6 offset funding to FFY22 construction phase per request from City of Fairbanks and DOT&PF (Policy Board approved 10.20.2021); updated project scope to match Policy Revision approved by Policy Board 08.18.2021; deleted old Need ID (32818) and Project Number (NFHWY00434); increased FFY22 construction phase STP funding \$8k (supplemental funds from various project phase placeholder removals)
9 Metropolitan Transportation Plan Update	Added \$32.3 offset funding to planning phase to fully fund consultant contract and supplement DOT oversight costs (Executive Director approved 08.11.2021)
10 Non-motorized Plan Update	Added \$15.5k offset funding to planning phase for consultant contract amendment (Executive Director approved 05.28.2021)
11 North Pole Streetlight Standardization	Advanced construction year from FFY23 to FFY22 and increased construction phase funding from \$1.286 to \$1.6 million; removed right-of-way phase placeholder; reduced utilities phase to be a placeholder; updated project title and scope
12 Old Rich Hwy Intersection Improvements	Added \$272.9k STP funding to utilities phase per request from DOT&PF (Policy Board approved 10.20.2021); removed right-of-way phase placeholder
13 Sign Replacement Stage III	Reduced AC using AC payback from Airport West Bicycle & Pedestrian Facility project (\$257.5k) and remaining FFY21 offset balance (\$60.9k; Policy Board approved 08.18.2021)
14 Woll Road Resurfacing & Widening	Increased design phase funding from \$250k to \$300k per request from DOT&PF; moved right-of-way phase placeholder from FFY22 to FFY23; moved utilities phase funding from Beyond to FFY23; updated construction phase funding to \$2.2 million per latest estimate from DOT&PF
15 Informational Tables	Updated information tables to match project details from FNSB Transit, ARRC, and FFY20-23 STIP Amendment #3

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
32119	NFHWY00445	5th Avenue Reconstruction Reconstruct 5th Avenue from Barnette to Noble Street to provide improved facilities for all users. Reconstruction includes ADA-compliant sidewalks and shoulders to accommodate bicyclists, wayfinding and bicycle route signs, and landscaping in accordance with FAST Planning's "Complete Streets" Policy.	STP	Design	218.8		109.8			
			TAP		77.3					
			FAF				205.9			
			3PF		29.4		31.3			
			STP	Right-of-Way				121.8		
			3PF				12.1			
			STP	Utilities					409.4	
			3PF						40.6	
			STP	Construction						1,092.8
			TAP							454.9
3PF							153.6			
Project Total					325.5	0.0	347.1	133.9	2,151.3	0.0
32279	NFHWY00447	Airport West Bicycle & Pedestrian Facility Construct bicycle and pedestrian connection from the Fairbanks International Airport terminal to the neighborhoods west of the Airport and planned non-motorized facilities along Dale Road.	STP	Design	300.2	154.6				
			SM		29.8	15.4				
			STP	Construction				753.1		
			SM					74.8		
Project Total					330.0	170.0	827.9	0.0	0.0	0.0
21934	NFHWY00648	Advanced Project Definition Provide funding to the State and City to develop new estimates for TIP projects.	STP	Planning	91.0			91.0		
			FAM		9.0			9.0		
Project Total					100.0	0.0	0.0	100.0	0.0	0.0
30011	TBD	Barnette Street Reconstruction Reconstruct Barnette Street from 1st Avenue to Airport Way to include signal upgrades, decorative lighting, a dedicated bike lane, drainage improvements, intersection and sidewalk upgrades, utility relocation, signing and striping and landscaping. This project should be consistent with the Complete Streets concept of Cushman Street. <i>50% local match / 50% state match</i>	ILLU/3PF	Design						2,250.0
				Right-of-Way						100.0
				Utilities						1,000.0
				Construction						12,100.0
Project Total					0.0	0.0	0.0	0.0	0.0	15,450.0
32278	TBD	Bike Lane Striping & Signing Signing and striping of existing paved shoulders withing Fairbanks City Limits on City streets to accommodate bicyclists as designated bike lanes for seasonal use.	ILLU	Design						356.0
				Right-of-Way						0.0
				Utilities						10.0
				Construction						1,733.0
Project Total					0.0	0.0	0.0	0.0	0.0	2,099.0

STP: Surface Transp. Prog., SM: State Match, 3PF: 3rd Party Funding, CMAQ: Congestion Mitigation Air Quality, TAP: Transp. Alts Prog., ILLU: Illustrative, AC: Adv. Constr., ACC: Adv. Constr. Conversion, FAF/FAM: FAST Approp. Funds/Match

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
26078	NFHWY00280	Chena River Walk Stage III Construct an approximately 3,200' long segment, multi-use asphalt path that is 10 feet wide with 2-foot gravel shoulders. The proposed path would be constructed on the north side of the Chena River from the existing Chena River pedestrian bridge crossing near Pioneer Park to the east side of Peger Road where the new path turns to a north/south orientation along Peger Road until it terminates at the southeast corner of the Peger Road and Phillips Field Road controlled intersection. <i>Bicycle and pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	CMAQ	Design	277.5						
			FAM		27.5						
			STP	Right-of-Way					76.8		
			CMAQ					127.4			
			FAM					20.3			
			STP							2.3	
			FAM	Utilities						0.2	
			STP	Construction							1,580.2
FAM								156.9			
Project Total					305.0	0.0	0.0	224.5	2.5	1,737.0	
30099	NFHWY00290	College Road Bus Pullouts Construct new bus stop facilities along College Road. Work includes roadside hardware, drainage improvements, ADA improvements and utilities. <i>New pullouts may potentially increase transit ridership and reduce congestion since the enhanced facility may make transit safer for the rider. It will also reduce idling by moving the bus outside of the travel lane.</i>	STP	Design	181.9						
			FAF		45.5	45.5					
			SM		22.6	4.5					
			CMAQ	Right-of-Way			229.7				
			STP				6.8				
			SM				23.5				
			CMAQ	Construction					600.4		
			SM					59.6			
Project Total					250.0	310.0	0.0	660.0	0.0	0.0	
22765 6448	NFHWY00576 HFHWY00217	Coordinators Office Funding for the FAST Planning Coordinator's office which supports delivery of the FAST Planning's program.	STP	Planning	106.1	100.0	100.0	100.0	100.0		
			PL		274.6	304.6	321.2	321.2	321.2		
			FAM		37.8	40.2	41.8	41.8	41.8		
			FAF		10.0	10.0	10.0	10.0	10.0		
Project Total					428.5	454.8	473.1	473.1	473.1	0.0	

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
30012	NFHWY00126	Cowles Street Reconstruction Reconstruct Cowles Street from 1st Avenue through East Cowles Street. Project work will include roadside hardware, drainage improvements, intersection improvements, ADA improvements and utilities. <i>50% local match / 50% state match.</i> <i>Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	STP	Design	136.5	52.6	50.5	341.1			
			FAF		325.7	28.8					
			AC			50.5	341.1				
			ACC				-50.5	-341.1			
			SM		22.9	6.5	16.9				
			3PF		22.9	6.5	16.9				
			STP	Right-of-Way				227.0			
			AC			227.0					
			ACC				-227.0				
			SM			11.3					
			3PF		11.3						
			STP	Utilities						190.4	
			SM						9.5		
			3PF						9.5		
			STP	Construction							7,227.5
			CMAQ							727.8	
3PF								394.8			
SM								394.8			
Project Total					508.0	394.5	375.0	0.0	209.4	8,745.0	
38471	Z622070000	Cushman Street Bridge Rehabilitation Rehabilitate the Cushman Street Bridge and Cushman Street between the First Avenue and Terminal Street intersections. Project work will include bridge work, roadside hardware, ADA sidewalk and curb ramp improvements.	STP	Construction					4,253.4		
			CMAQ					727.8			
			FAF					103.9			
			AC					4,981.2			
			ACC						-4,981.2		
			SM					504.8			
Project Total					0.0	0.0	0.0	5,589.9	0.0	0.0	
31516	NFHWY00425	Fairbanks Road/Rail Crossing Reduction/Realignment Plan The primary purpose of the PLAN is to serve as a long-range road/rail planning document. The PLAN will enable FAST Planning 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.	BANK	Planning	136.5						
			FAF		318.4		51.9				
			FAM		13.5		5.1				
			SM		31.6						
Project Total					500.0	0.0	57.0	0.0	0.0	0.0	

STP: Surface Transp. Prog., SM: State Match, 3PF: 3rd Party Funding, CMAQ: Congestion Mitigation Air Quality, TAP: Transp. Alts Prog., ILLU: Illustrative, AC: Adv. Constr., ACC: Adv. Constr. Conversion, FAF/FAM: FAST Approp. Funds/Match

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
19096	NFHWY00506 NFHWY00603	FAST Improvement Program <i>Perform gravel or asphalt surface maintenance and preservation activities on roads, sidewalks and pathways. Work may also include new or upgraded illumination, signing and striping, storm drains and intersection improvements including nonmotorized crossings, as well as ADA upgrades to sidewalks and curb ramps. State pays design match and local governments pay construction match, per agreement.</i>	STP	Design				305.7			
			FAF			368.4					
			SM			36.6		30.3			
			FAF	Utilities			21.4				
			SM			2.1					
			AC	Construction	1,731.9						
			ACC			-1,731.9					
			STP			2,563.8		1,020.4			
			FAF		939.4	159.7	192.4	104.6			
			SM		86.1	15.9					
			3PF		186.7	86.6	19.1	111.7			
Project Total					2,944.1	1,522.6	211.5	1,572.7	0.0	0.0	
30229	NFHWY00271 NFHWY00524	FAST Intersection Improvement Program <i>Intersection enhancements related to capacity, safety, and/or multimodal accessibility within the FAST Planning boundary.</i>	FAF	Design	341.1						
			SM		33.9						
			STP	Utilities			4.5				
			SM			0.5					
			STP	Construction	132.3		268.4				
			FAF			220.9					
			3PF		13.1	21.7	26.6				
Project Total					520.4	242.5	300.0	0.0	0.0	0.0	
TBD	TBD	FAST Safety and Efficiency Program <i>Low-cost improvements to enhance the safety and efficiency of the existing transportation system. Projects may include but are not limited to signing, striping, lighting upgrades, signal timing, signal controller upgrades and maintenance.</i>	ILLU	All							
Project Total					0.0	0.0	0.0	0.0	0.0	0.0	

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
30096 32078	NFHWY00282 NFHWY00454 NFHWY00559	FAST Sidewalk Improvement Program Fund projects that will improve connectivity, safety, mobility and access for pedestrians throughout the MPA. Includes "Growden Area Accessibility Improvements" ATAP project. <i>Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	BANK	Design	255.3						
			SM		25.3						
			TAP		111.0	80.1					
			3PF		11.0	7.9					
			STP	Utilities	9.1						
			SM		0.9						
			AC	Construction	1,074.7	94.7					
			TAP				694.1				
			FAF			146.5	30.0				
			3PF		221.4	23.9	155.2				
			ACC			-1,074.7	-94.7				
			CMAQ			313.8	727.8				
			STP		1,155.5	760.9	112.0				
Project Total					2,864.2	353.2	1,624.5	0.0	0.0	0.0	
16104	Z637840000	Gillam Way Reconstruction Reconstruct Gillam Way between Airport Way to 22nd Avenue including pedestrian and drainage improvements, utilities and traffic calming. <i>50% local match / 50% state match</i> <i>Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	STP	Utilities	91.0						
			FAF		268.8						
			SM		17.9						
			3PF		17.9						
			STP	Construction	3,623.0	266.0					
			CMAQ		313.9						
			AC		111.3						
			ACC			-111.3					
			SM		304.0	10.1					
			3PF		304.0	10.1					
FAF	2,077.1	48.0									
Project Total					7,128.8	222.8	0.0	0.0	0.0	0.0	
32798	TBD	Holmes Road Reconstruction Reconstruct Holmes Road from the Badger/Montgomery intersection to Badger/Peede intersection, including consideration of widened shoulders, seperated path, sidewalks, or bike lanes. Work includes drainage improvements, roadside hardware, and utilities.	ILLU	Design						1,228.0	
				Right-of-Way						500.0	
				Utilities						100.0	
				Construction						10,213.0	
Project Total					0.0	0.0	0.0	0.0	0.0	12,041.0	

STP: Surface Transp. Prog., SM: State Match, 3PF: 3rd Party Funding, CMAQ: Congestion Mitigation Air Quality, TAP: Transp. Alts Prog., ILLU: Illustrative, AC: Adv. Constr., ACC: Adv. Constr. Conversion, FAF/FAM: FAST Approp. Funds/Match

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
30029	TBD	Lacey Street Reconstruction	ILLU	Design						2,500.0
		Reconstruct Lacey Street from 1st to 12th Avenue. Reconstruction includes drainage improvements, intersection and sidewalk upgrades, utility relocation, signing, striping, and landscaping.		Right-of-Way						700.0
		Utilities							925.0	
		Construction							10,000.0	
		Project Total					0.0	0.0	0.0	0.0
30105	TBD	Lathrop Street Extension	STP	Design		122.8				
		Reconstruct sections of South Lathrop Street and extend it from the Alaska Railroad Crossing at Sanduri Street to the proposed entry road to the Tanana Lakes Recreation Area, at the Tanana River levee. Improvements include constructing a gravel road prism 30 feet wide and upgrade of the railroad crossing at Sanduri.	3PF			12.2				
			STP	Utilities				727.8		
			3PF					72.2		
			STP	Construction					467.6	
			3PF						46.4	
Project Total					0.0	135.0	0.0	1,314.0	0.0	0.0
6587	Z628380000	McGrath Rd Upgrade	STP	Utilities	527.6					
		Upgrade McGrath Road between Farmers Loop and the Old Steese Highway. Improve the existing separated path as needed.	FAF		108.8	136.3				
			SM		63.2	13.5				
			STP	Construction				5,127.7		
			AC			4,741.6				
			ACC					-4,741.6		
			SM			385.4	38.3			
Project Total					699.6	5,276.8	424.4	0.0	0.0	0.0
33138	NFHWY00596	Metropolitan Transportation Plan Update	STP	Planning			149.6			
		Update FAST Planning Metropolitan Transportation Plan as required under 23 USC 134 (occurs every 4 years).	FAF				32.3			
			FAM				18.1			
Project Total					0.0	0.0	200.0	0.0	0.0	0.0

STP: Surface Transp. Prog., SM: State Match, 3PF: 3rd Party Funding, CMAQ: Congestion Mitigation Air Quality, TAP: Transp. Alts Prog., ILLU: Illustrative, AC: Adv. Constr., ACC: Adv. Constr. Conversion, FAF/FAM: FAST Approp. Funds/Match

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
31389	NFHWY00509	Minnie Street Upgrade Reconstruct Minnie Street between Illinois Street and Old Steese Highway. Project will include roadside hardware, drainage improvements, intersection improvements, ADA improvements, and utilities. 50% local match / 50% state match	STP	Design		727.8			1,023.4		
			SM			36.1		50.8			
			3PF			36.1		50.8			
			STP	Right-of-Way							1,364.6
			SM							67.7	
			3PF							67.7	
			STP	Utilities							909.7
			SM							45.2	
			3PF							45.2	
			STP	Construction							8,642.2
			SM							428.9	
3PF							428.9				
Project Total					0.0	800.0	0.0	0.0	1,125.0	12,000.0	
24960	TBD	Nelson Road Bicycle & Pedestrian Facility Construct a bicycle and pedestrian facility along Nelson Road by adding shoulders or a seperated multiuse path.	ILLU	Design						1,153.0	
				Right-of-Way						150.0	
				Utilities						770.0	
				Construction						5,919.0	
Project Total					0.0	0.0	0.0	0.0	0.0	7,992.0	
32398	NFHWY00446	Non-Motorized Plan Update Update FMATS Non-Motorized Plan (2012) to improve conditions for bicyclists and pedestrians with the Metropolitan Planning Area.	STP	Planning	136.5						
			FAF			44.7	15.5				
			FAM		13.5	4.4	1.5				
Project Total					150.0	49.1	17.0	0.0	0.0	0.0	
30106	NFHWY00269	North Pole Streetlight Standardization - Phase I Upgrade the streetlights in older subdivisions and illuminate several areas in the city currently not illuminated. Consolidate the streetlights on to one or a few circuits. Phase I focuses on the city core. Future project phases include Highway Park, Ford, and Morning Star subdivisions.	BANK	Design	163.7						
			STP						68.2		
			AC					68.2			
			ACC					-68.2			
			3PF		16.3	6.8					
			STP	Utilities					2.3		
			3PF					0.2			
			STP	Construction					1,455.5		
3PF					144.5						
Project Total					180.0	0.0	75.0	1,602.5	0.0	0.0	

STP: Surface Transp. Prog., SM: State Match, 3PF: 3rd Party Funding, CMAQ: Congestion Mitigation Air Quality, TAP: Transp. Alts Prog., ILLU: Illustrative, AC: Adv. Constr., ACC: Adv. Constr. Conversion, FAF/FAM: FAST Approp. Funds/Match

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
30100	NFHWY00158	Old Richardson Highway Intersection Improvements Improve intersections in North Pole at Santa Claus Lane and East 5th Avenue and North Pole High School Boulevard at Old Richardson Highway and 8th Avenue. The railroad crossings will also be improved to current standards.	STP	Design	300.2						
			SM		29.8						
			STP	Utilities				545.8			
			SM					54.2			
			STP	Construction					818.7		
			SM						81.3		
Project Total					330.0	0.0	0.0	1,500.0	0.0	0.0	
32399	NFHWY00463	Road Service Area Expansion Plan Develop plan to expand existing Road Service Areas (RSAs) or create new RSAs to address "orphan roads," including funding to upgrade roads to current standards.	STP	Planning	100.0						
			BANK			100.0					
			FAF			18.2					
			FAM			1.8					
			3PF			50.0					
Project Total					150.0	120.0	0.0	0.0	0.0	0.0	
30093	NFHWY00246	Sign Replacement - Stage III Replace signs in accordance with each entity's established sign management plans to meet the requirements of the MUTCD.	STP	Construction			257.5	845.7			
			FAF				60.9				
			AC				845.7				
			ACC					-845.7			
			3PF				115.6				
Project Total					0.0	0.0	1,279.7	0.0	0.0	0.0	
26087	NFHWY00014	Tanana Loop and South Chandalar Drive Intersections Reconstruct the intersections of Tanana Loop/Alumni Drive, Tanana Loop/South Chandalar Drive, and Salcha Street/South Chandalar Drive including the portions of South Chandalar Drive between the intersections up to Amber Lane and any additional road construction required by intersection improvements. Reconstruct the existing pedestrian facilities and construct new pedestrian facilities on Alumni Drive, Tanana Loop, Salcha Street, and South Chandalar Drive. Project includes roadside hardware, utilities, drainage improvements, intersection improvements, and ADA improvements.	STP	Design	68.2						
			FAF		76.4	40.8					
			FAM		14.4	4.1					
			STP	Construction			2,961.0	207.5			
			CMAQ				184.3				
			AC				207.5				
			ACC					-207.5			
			FAF				137.5	82.2			
FAM			346.5	8.2							
Project Total					159.0	3,881.6	90.3	0.0	0.0	0.0	

STP: Surface Transp. Prog., SM: State Match, 3PF: 3rd Party Funding, CMAQ: Congestion Mitigation Air Quality, TAP: Transp. Alts Prog., ILLU: Illustrative, AC: Adv. Constr., ACC: Adv. Constr. Conversion, FAF/FAM: FAST Approp. Funds/Match

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
29969	NFHWY00137	Wembley Avenue Improvements <i>Reconstruct Wembley Avenue from Aurora Drive to Danby Street and construct a pedestrian facility. Bicycle and pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	CMAQ	Construction	136.4					
			ACC		-136.4					
			FAF		40.9					
			SM		4.1					
Project Total					40.9	0.0	0.0	0.0	0.0	0.0
32178	NFHWY00448	Woll Road Resurfacing & Widening <i>Resurface and widen Woll Road from Bradway Road to Ownby Road.</i>	STP	Design	350.2			272.9		
			SM		34.8			27.1		
			STP	Right-of-Way					2.3	
			SM					0.2		
			STP	Utilities					181.9	
			SM					18.1		
			STP	Construction						2,001.3
			SM							198.7
Project Total					385.0	0.0	0.0	300.0	202.5	2,200.0
9939	NFHWY00139	Yankovich/Miller Hill Road Reconstruction <i>Reconstruct Miller Hill Road and Yankovich Road, and improve existing separated multi-use path as needed. Project work will include roadside hardware, drainage improvements, and utilities.</i>	STP	Design			236.1			
			AC			236.1				
			ACC				-236.1			
			SM		23.4					
			STP	Right-of-Way			112.4			
			AC			112.4				
			ACC				-112.4			
			SM		11.2					
			STP	Utilities				454.9		
			SM					45.2		
			STP	Construction						4,159.1
			AC						4,159.1	
			ACC							-4,159.1
SM						412.9				
Project Total					0.0	383.1	0.0	500.0	4,572.0	0.0

STP: Surface Transp. Prog., SM: State Match, 3PF: 3rd Party Funding, CMAQ: Congestion Mitigation Air Quality, TAP: Transp. Alts Prog., ILLU: Illustrative, AC: Adv. Constr., ACC: Adv. Constr. Conversion, FAF/FAM: FAST Approp. Funds/Match

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
Funding (Revenue) Summary										
		Surface Transportation Program	STP		7,528.1	7,716.3	7,716.3	7,716.3	7,716.3	
		Congestion Mitigation/Air Quality	CMAQ		727.8	727.8	727.8	727.8	727.8	
		Planning	PL		274.6	304.6	321.2	321.2	321.2	
		Transportation Alternatives Program	TAP		188.3	80.1	694.1	0.0	0.0	
		Banking from Previous Year	BANK		555.5	100.0	0.0	0.0	0.0	
					9,274.3	8,928.7	9,459.4	8,765.3	8,765.3	
		<i>This shows the overall match required for the federal funds above.</i>								
		STP Match			747.3	765.9	765.9	765.9	765.9	
		CMAQ Match			72.2	72.2	72.2	72.2	72.2	
		Planning Match			27.3	30.2	31.9	31.9	31.9	
		TAP Match			18.7	7.9	68.9	0.0	0.0	
		Banking Match			55.1	9.9	0.0	0.0	0.0	
					920.6	886.3	938.9	870.1	870.1	
					10,194.8	9,815.0	10,398.3	9,635.4	9,635.4	
Funding (Revenue) Total										
Projected Obligations Summary										
		Fund Code Description	Fund Code		2019	2020	2021	2022	2023	
Federal Summary										
		Surface Transportation Program	STP		7,528.1	7,716.3	7,716.3	7,716.3	7,255.9	
		Congestion Mitigation/Air Quality	CMAQ		727.8	727.8	727.8	727.8	727.8	
		Planning	PL		274.6	304.6	321.2	321.2	321.2	
		Transportation Alternatives Program	TAP		188.3	80.1	694.1	0.0	454.9	
		Banking from Previous Year	BANK		555.5	100.0	0.0	0.0	0.0	
				<i>Federal Subtotal</i>	9,274.2	8,928.8	9,459.4	8,765.3	8,759.8	
		Advanced Construction	AC		2,917.9	5,669.8	1,255.1	4,981.2	4,159.1	
		Advance Construction Conversion (Payback)	ACC		-136.4	-2,917.9	-5,669.8	-1,255.1	-4,981.2	
				<i>AC/ACC Subtotal</i>	2,781.5	2,752.0	-4,414.8	3,726.1	-822.1	
Federal Match Summary										
		State Match	SM		706.8	595.4	130.5	802.4	491.4	
		Local Government Match	3PF		872.7	216.4	371.6	387.1	254.6	
		FAST Planning Match	FAM		115.8	396.9	74.7	71.1	42.0	
				<i>Match Subtotal</i>	1,695.4	1,208.7	576.8	1,260.6	788.0	
					10,969.6	10,137.5	10,036.2	10,025.9	9,547.8	
Illustrative Summary										
		Illustrative (Funding Placeholder)	ILLU		0.0	0.0	0.0	0.0	0.0	
					0.0	0.0	0.0	0.0	0.0	
Appropriation Fund Summary (State & Offset Funds)										
		FAST Planning Appropriation Funds	FAF		4,552.1	1,426.6	681.0	218.5	10.0	
				<i>TOTAL</i>	4,552.1	1,426.6	681.0	218.5	10.0	
				GRAND TOTAL	15,521.7	11,564.1	10,717.1	10,244.5	9,557.8	

STP: Surface Transp. Prog., SM: State Match, 3PF: 3rd Party Funding, CMAQ: Congestion Mitigation Air Quality, TAP: Transp. Alts Prog., ILLU: Illustrative, AC: Adv. Constr., ACC: Adv. Constr. Conversion, FAF/FAM: FAST Approp. Funds/Match

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
FTA Projects within FAST Planning Boundary										
Need ID	Project Description		Fund Code	Fund Type	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
21018	Urbanized Area Formula Grant - FNSB		FTA	5307	1,325.3	1,325.3	1,372.7	1,042.1		
	Transit operating assistance, and purchase of a bus.		Match		1,123.3	331.3	1,157.9	1,042.1		
	Project Total				2,448.7	1,656.7	2,530.6	2,084.2	0.0	
21314	Urbanized Area Formula - ARRC		FTA	5307	20.0	20.0				
	Associated transit improvements.		Match		5.0	5.0				
	Project Total				25.0	25.0	0.0	0.0	0.0	
19634	Urbanized Area Formula - ARRC		FTA	5307	200.0	250.0	65.0	100.0	240.0	
	Track rehabilitation.		Match		50.0	50.0			60.0	
	Project Total				250.0	300.0	65.0	100.0	300.0	
19658	Urbanized Area Formula - ARRC		FTA	5307	200.0	200.0	200.0	200.0	200.0	
	Preventive maintenance.		Match		50.0	50.0	50.0	50.0	50.0	
	Project Total				250.0	250.0	250.0	250.0	250.0	
31091	Urbanized Area Formula - ARRC		FTA	5307	40.0	115.0				
	Replace and/or upgrade radio system equipment and communication components.		Match		10.0					
	Project Total				50.0	115.0	0.0	0.0	0.0	
21314	Transit Security - ARRC		FTA	5307	40.0	40.0				
	Purchase and install surveillance equipment system-wide, and other security expenses as appropriate.		Match		10.0	10.0				
	Project Total				50.0	50.0	0.0	0.0	0.0	
20028	MACS Fleet Transition to CNG		FTA	5307		1,754.9	1,340.2	1,364.6		
	Transition the MACS fleet to Compressed Natural Gas in accordance with MACS Recommended 10-year Bus Replacement Plan 2019-2028.		Match		438.7	335.0	341.2			
	Project Total				0.0	2,193.6	1,675.2	1,705.8	0.0	
19120	Rural Transit - FNSB		ILLU	5311						
	Operational funding for the gray line.		Match							
	Project Total				0.0	0.0	0.0	0.0	0.0	
19635	Urbanized Area Formula - ARRC		FTA	5307		520.0				
	Bridge rehabilitation.		Match		130.0					
	Project Total				0.0	650.0	0.0	0.0	0.0	
33245	Urbanized Area Formula - ARRC		FTA	5307		25.0				
	Facility rehabilitation.		Match							
	Project Total				0.0	25.0	0.0	0.0	0.0	
33243	Urbanized Area Formula - ARRC		FTA	5307		175.0				
	Replace or upgrade in-track detector and at-grade signal systems equipment and communication components.		Match							
	Project Total				0.0	175.0	0.0	0.0	0.0	
19635	State of Good Repair - ARRC		FTA	5337			720.0	360.0	8000.0	
	Bridge rehabilitation.		Match		180.0	90.0	2000.0			
	Project Total				0.0	0.0	900.0	450.0	10000.0	
19658	State of Good Repair - ARRC		FTA	5337	200.0	200.0	200.0	200.0	200.0	
	Preventive maintenance.		Match		50.0	50.0	50.0	50.0	50.0	
	Project Total				250.0	250.0	250.0	250.0	250.0	
19634	State of Good Repair - ARRC		FTA	5337	200.0	200.0	160.0	160.0	160.0	
	Track rehabilitation.		Match		50.0	50.0	40.0	40.0	40.0	
	Project Total				250.0	250.0	200.0	200.0	200.0	

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
31091	State of Good Repair - ARRC	Replace and/or upgrade radio system equipment and communication components.	FTA	5337	40.0	92.0				
			Match		10.0	23.0				
Project Total					50.0	115.0	0.0	0.0	0.0	
19119	Enhanced Mobility for Seniors & Individuals with Disabilities	Funding for VanTran service.	FTA	5310	80.6	81.6				
			Match		20.1	20.4				
Project Total					100.7	102.0	0.0	0.0	0.0	
21028	Transit Administration & Maintenance Facility - Phase II	Renovation and expansion of the transit maintenance facility, including utility connection and/or storage of CNG.	FTA	5339		10,403.3				
			Match			2,600.8				
Project Total					0.0	13,004.2	0.0	0.0	0.0	
21038	Van Tran Fleet Transition to CNG	Transition the Van Tran fleet to CNG in accordance with Van Tran Recommended 10-year Bus Replacement Plan 2019-2028.	FTA	5310	168.0	113.5	115.1	58.4		
			Match		42.0	28.4	28.8	14.6		
Project Total					210.0	141.9	143.9	72.9	0.0	
21038	Bus and Bus Facility Allocations - FNSB	FFY18, 19, 20 & 21 Section 5339(a) CNG Fueled Bus	FTA	5339(a)	95.2	99.1	91.3			
			Match		19.0	19.8	18.3			
Project Total					114.2	118.9	109.6	0.0	0.0	
21048	Urbanized Area Formula Grant - FNSB	Purchase of a CNG fueled bus.	FTA	5307				330.6		
			Match					115.8		
Project Total					0.0	0.0	0.0	446.4	0.0	
27969	Buses and Bus Facility Competitive Grant		ILLU	5339(b)						
			Match							
Project Total					0.0	0.0	0.0	0.0	0.0	

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
NHS Projects within FAST Planning Boundary											
Need ID	IRIS	Project Description / Funding Source	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
3843	Z640780000	Airport Way / Cushman Street Intersection Reconstruction Reconstruct the intersection at Airport Way and Cushman Street.	CMAQ	Design	1,637.5						
			SM		162.5						
			CMAQ	Right-of-Way			4,275.6				
			SM				424.4				
			CMAQ	Utilities				1,091.6			
			SM					108.4			
			CMAQ	Construction							10,712.3
SM								1,063.3			
Project Total					1,800.0	0.0	4,700.0	1,200.0	11,775.6		
19217	NFHWY00245	Airport Way / Steese Expressway Reconstruction Replace existing intersection with displaced left turn intersection at Gaffney Road, Airport Way, Richardson Highway, and Steese Expressway (GARS).	HSIP	Design	1,100.0						
				Right-of-Way			50.0				
				Utilities			50.0				
				Construction				11,770.0			
Project Total					1,100.0	0.0	100.0	11,770.0	0.0		
15685	Z618720000	Airport Way (West) Improvements Construct intersection improvements along Airport Way between Dale Road and the Parks Highway. Project includes bicycle/pedestrian facilities along Hoselton Road to the Boat Street path.	NHPP	Construction				1,187.3	9,729.1		
			AC					9,729.1			
			ACC							-9,729.1	
			SM					1,083.6			
Project Total					0.0	0.0	0.0	12,000.0	0.0		
25598	Z615970000	Richardson Highway MP 357 - 362 Bicycle/Pedestrian Path Construct a paved bicycle/pedestrian path on the Richardson Highway between MP 357 - 362, starting from the Richardson Highway/Airport Way intersection, continuing along the Richardson Highway to the Badger Loop North Bound Ramp, and terminating at the Badger Road/Old Richardson Highway intersection.	NHPP	Design				467.0			
			SM					33.0			
Project Total					0.0	0.0	0.0	500.0	0.0	4,600.0	
19217	NFHWY00097	Richardson Hwy MP 351 Interchange Replace the existing at grade intersection with an interchange to reduce turning related crashes.	HSIP	Design	615.0						
				Right-of-Way	500.0		900.0				
				Utilities					700.0		
				Construction						19,150.0	
Project Total					1,115.0	0.0	900.0	0.0	19,850.0		
2130	Z661480000	Richardson Highway MP 353 - 357 Access/Safety Improvements Improve access control on the Richardson Highway between approximate mileposts 353-357. This project will upgrade and extend the existing frontage road system, construct improved at-grade intersections, and eliminate a number of existing access approaches onto the Richardson Highway.	NHPP	Construction	3,910.4	13,266.8					
			AC		13,266.8						
			ACC			-13,266.8					
			SM		1,705.1						
Project Total					18,882.3	0.0	0.0	0.0	0.0		

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
28069	Z607340000	Richardson Highway MP 360-361 (MP 359) Railroad Grade Separated Facility Construct grade-separated facility on the Richardson Highway to improve operations and reduce railroad/vehicle conflicts. Work includes new railroad overpass bridges (#2366 and 2367).	NHPP	Design		1,333.8				
			SM			94.2				
			NHPP	Utilities				3638.8		
			SM					361.2		
Project Total					0.0	1,428.0	0.0	4,000.0	0.0	25,000.0
22441	Z625410000	Steese Highway and 3rd Street Widening 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.	AC	Construction			13,645.5			
			SM				1,354.5			
Project Total					0.0	0.0	15,000.0	0.0	0.0	
30150	NFHWY00020	Steese Highway MP 4.5 (CHSR) Off-Ramp Bypass Lane Conduct a bypass lane and retaining wall at the Steese Highway north bound ramp to Chena Hot Springs Road.	NHPP	Right-of-Way	136.5					
			SM		13.5					
			NHPP	Construction			363.9			
			SM				36.1			
Project Total					150.0	400.0	0.0	0.0	0.0	
29829	Z607320000	Steese Expressway / Johansen Expressway Interchange 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.	NHPP	Design	1,886.7		2,274.3			
			SM		187.3		225.8			
			NHPP	Right-of-Way				2,729.1		
			SM					270.9		
Project Total					2,074.0	0.0	2,500.0	3,000.0	0.0	51,000.0
3821	Z632130000	University Avenue Widening Widen and reconstruct University Avenue to current standards.	NHPP	Right-of-Way			1,364.6			
			SM				135.5			
			NHPP	Utilities			1,364.6			
			SM				135.5			
			AC	Construction					6,549.8	
			SM						650.2	
Project Total					0.0	0.0	3,000.0	0.0	7,200.0	6,549.8
29655	Z632130000	University Avenue Rehabilitation: Wolf Run to DNR BLM Access Widen and reconstruct University Avenue to current standards from Thomas Street to the Chena River, including replacement of University Ave Bridge #0263.	NHPP	Construction				14,555.2	14,555.2	
			AC				29,110.4			
			ACC					-14,555.2	-14,555.2	
			SM			2,889.6				
Project Total					0.0	0.0	32,000.0	0.0	0.0	
29656	Z632130000	University Avenue Rehabilitation: DNR BLM Access to Rewak Drive Widen and reconstruct University Avenue to current standards from the Chena River to the Parks Highway.	NHPP	Construction		9,343.9				
			SFF			8,850.1				
			SM			1,806.0				
Project Total					0.0	20,000.0	0.0	0.0	0.0	
33345	Z632130000	University Avenue Segment 2B Airport Way to Mitchell Expressway Phase 1 Construct advanced utility relocations from Airport Way to the Mitchell Expressway. Reconstruct utility improvements on Davis Road. Work will include utilities, intersection improvements, road widening, sidewalks, lighting, and drainage improvements.	NHPP	Construction				9,551.9		
			SM					948.2		
Project Total					0.0	0.0	0.0	10,500.0	0.0	

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
Other Major Projects Within FAST Planning Boundary										
Need ID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
26076	NFHWWY00124	Aurora Drive- Noyes Slough Bridge Replace the Noyes Slough bridge on Aurora Drive in Fairbanks	STP	Right-of-Way		354.8				
			SM				35.2			
			STP	Utilities				272.9		
			SM					27.1		
Project Total					0.0	390.0	0.0	300.0	0.0	4,900.0
19217	NFHWWY00096	Badger Road Two Way Left Turn Lane Upgrade Badger Road between Dennis Road and Hurst Road to accommodate a two way left turn lane. Accommodating the two way left turn lane may require road widening. Additional work will include signing, striping, drainage, and utilities.	HSIP	Design	500.0					
				Utilities	150.0					
				Construction	19,130.0					
Project Total					19,780.0	0.0	0.0	0.0	0.0	0.0
27542	NFHWWY00289	Chena Hot Spring Road MP 0-6 Rehabilitate Chena Hot Spring Road.	STP	Design	1,071.6	545.8				
			AC			545.8				
			ACC				-545.8			
			SM	Utilities	106.4					
			STP				227.4			
			SM				22.6			
			STP	Construction		5,194.0		8,194.0	5,000.0	
			AC				13,194.0			
			ACC					-8,194.0	-5,000.0	
			SM				1,806.0			
Project Total					1,723.8	20,444.0	0.0	0.0	0.0	0.0
31656	NFHWWY00016	Chena Pump Road Bike & Pedestrian Facility Rehabilitation 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.	CMAQ	Construction		1,455.5				
			SM				144.5			
Project Total					0.0	1,600.0	0.0	0.0	0.0	0.0
TBD	TBD	City of Fairbanks Systematic Signal Upgrades Install overhead signal head for each lane of each approach at 11 intersections around City of Fairbanks. Install retroreflective backplates on all signal heads at 11 additional locations.	HSIP	Design			300.0	500.0		
				Right-of-Way						50.0
Project Total					0.0	0.0	300.0	500.0	50.0	6,895.0
19217	Z772770000	College Road Median Extension Install a separate right turn lane for westbound traffic at the intersection of College Road/Old Steese Highway, and a new right turn lane creating dual rights for eastbound traffic at the intersection of College Road/Steese Expressway.	HSIP	Construction	520.0					
Project Total					520.0	0.0	0.0	0.0	0.0	0.0
31878	NFHWWY00424	Fairbanks North Pole Serious SIP Development of the Fairbanks/North Pole Serious SIP, including development of a mobile source emission budget for the nonattainment area and FAST Planning to ensure the area remains eligible for federal highway funds.	STP	Planning	946.1	946.1	946.1			
			SM			93.9	93.9	93.9		
Project Total					1,040.0	1,040.0	1,040.0	0.0	0.0	0.0

STP: Surface Transp. Prog., SM: State Match, 3PF: 3rd Party Funding, CMAQ: Congestion Mitigation Air Quality, TAP: Transp. Alts Prog., ILLU: Illustrative, AC: Adv. Constr., ACC: Adv. Constr. Conversion, FAF/FAM: FAST Approp. Funds/Match

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
33339	TBD	Interior Alaska Area Transportation Plan	PL	Planning				400.0		
		Update the Interior Alaska Area Transportation Plan.	SM					100.0		
Project Total					0.0	0.0	0.0	500.0	0.0	
30369	NFHWY00155	Northern Region ADA Reconnaissance & Improvements	STP	All	136.5	318.4	2,274.3	2,001.3	1,592.0	
		Design and Construct improvements recommended by the Northern Region ADA Reconnaissance Study.	SM		13.5	31.6	225.8	198.7	158.0	
Project Total					150.0	350.0	2,500.0	2,200.0	1,750.0	4,500.0
19217-4	Z634670000	Steese Hwy/Chena Hot Springs Rd Ramp Termini Roundabouts	HSIP	Utilities		150.0				
		Construct roundabouts at the interchange ramp termini for the Steese Highway at Chena Hot Springs Road.	HSIP	Construction		5,000.0				
Project Total					0.0	5,150.0	0.0	0.0	0.0	
26082	Z624870000	Old Steese Highway Reconstruction	STP	Design					909.7	
		Reconstruct the Old Steese Highway from Wendell Avenue Bridge to, and including, the intersenction at the Johansen Expressway.	SM						90.3	
Project Total					0.0	0.0	0.0	0.0	1,000.0	20,000.0
18923	Varies	Pavement and Bridge Preservation (DOT&PF Preventative Maintenance Program)	NHPP	All		16,829.5	24,561.9	24,561.9	24,561.9	
		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. Project also includes preservation planning and reconnaissance activities. The scope does not include landscaping or other elements inconsistent with a pavement preservation focus	STP			27,291.0	27,291.0	27,291.0	27,291.0	
			SM			4,379.6	5,147.1	5,147.1	5,147.1	
Project Total					0.0	48,500.0	57,000.0	57,000.0	57,000.0	114,000.0
6359	Z632910000	Wendell Avenue Bridge Replacement	SFF	Utilities		91.0				
		Replace the Wendell Avenue Bridge and rehabilitate Wendell Avenue/Old Steese Highway between the Clay Street and 3rd Street intersections. In addition provide pedestrian and bicycle access from the Graehl and Chena Riverwalk Parks to the bridge. Project work will include roadside hardware, utilities, drainage and ADA improvements.	SM			9.0				
			SFF		17,698.4					
			SM		1,756.8					
Project Total					0.0	19,555.2	0.0	0.0	0.0	

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM
Amendment #5, Approved 02.23.2022**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
CMAQ PROJECTS										
Need ID	IRIS	Project Description / Funding Source	Phase	Fund Code	FFY19	FFY20	FFY21	FFY22	FFY23	
27010	Z617630000	Northern Region Signal Interconnect To fund vehicle volume, classification, speed counts, and traffic counting equipment within the PM2.5 non-attainment area. Conduct a baseline study of local road VMT, as well as data analysis and reporting.	ACC CMAQ SM	Construction	-605.5 4,548.5 451.5	4,623.5	4,548.5	4,473.5	4,548.5	
Project Total					4,394.5	5,075.0	5,000.0	4,925.0	5,000.0	5,000.0
26161	Z605660000	Fairbanks Air Quality Planning Project The goal of this project is to update the local transportation model and EPA mobile source emissions 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 ongoing 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 and short term planning documentation.	CMAQ SM	All	72.8 7.2	72.8	72.8	72.8	72.8	
Project Total					80.0	80.0	80.0	80.0	80.0	160.0
29232	NFHWHY00141 NFHWHY00142 NFHWHY00407	Committed Measures for the Fairbanks SIP Funding for transportation projects and programs that are committed and contingency measures listed in the State Implementation Plan (SIP) for the Fairbanks PM2.5 Non-attainment Area, and non-SIP projects that are evaluated and scored by the Fairbanks area CMAQ Project Evaluation Board.	CMAQ SM	All	1,728.4 171.6	1,728.4	1,728.4	1,728.4	1,728.4	
Project Total					1,900.0	1,900.0	1,900.0	1,900.0	1,900.0	3,800.0
22003	TBD	FNSB Transportation CNG Fueling Infrastructure Additional funding for the design and construction of the CNG fueling infrastructure to service CNG transit buses and paratransit vans.	SW-CMAQ SM	All				636.8 63.2		
Project Total					0.0	0.0	0.0	700.0	0.0	
18791	Z633860000 Z607090000 Z607110000	Statewide Congestion and Mitigation Air Quality 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. [Fairbanks Area Signal Timing Upgrades, FNSB Air Quality Education Outreach, Statewide Implementation Plan]	CMAQ SM	All	3,211.2 318.8	3,211.2	3,211.2	3,211.2	3,211.2	
Project Total					3,530.0	3,530.0	3,530.0	3,530.0	3,530.0	7,060.0



INTERAGENCY CONSULTATION FOR AIR QUALITY CONFORMITY

December 9, 2021 • 9:00 – 10:00 a.m. • Zoom Web Conference

MEETING NOTES

Attendees	Organization
Jackson Fox	FAST Planning
Olivia Lunsford	FAST Planning
Deborah Todd	FAST Planning
Cindy Heil	ADEC
Adeyemi Alimi	ADEC
Steven Hoke	ADEC
Nick Czarnecki	FNSB
Adam Clark	EPA
Melissa Goldstein	FHWA-Alaska Division
Leigh Oesterling	FHWA-Resource Center
Ned Conroy	FTA
Randi Bailey	Alaska DOT&PF
Adam Moser	Alaska DOT&PF
Judy Chapman	Alaska DOT&PF
Brett Nelson	Alaska DOT&PF
Tom Carlson	Trinity Consultants

Introduction

Jackson Fox (FAST Planning) called the meeting to order at 9:02 a.m., announced the attendees present, and offered the opportunity for public comment. No public comments were made.

Transportation Improvement Program (TIP) Amendment #5

Mr. Fox provided an overview of TIP Amendment #5 by stating that in addition to capturing minor adjustments with FFY21 yearend obligations, the primary purpose of the Amendment is to: (1) delay construction of the Chena Riverwalk project from FFY22 to FFY23 due to ROW phase delays; (2) accelerate construction of the North Pole Streetlight Standardization project from FFY23 to FFY22; and (3) fully fund the recent project increases for the Chena Riverwalk ROW

phase, Old Rich Hwy Intersections Utilities phase, and FAST Improvement Program Construction phase.

Mr. Fox added that the FAST Planning Technical Committee reviewed the Draft TIP Amendment on December 1 and recommend the Policy Board release the Amendment for public comment. The Policy Board will consider releasing for public comment at their next regularly scheduled meeting on December 15, and the anticipated public comment period is December 19 to January 21. He added that FAST Planning staff believe a new conformity analysis/determination would not be required because no projects are being added to or removed from the TIP and all projects affected by the TIP Amendment were included in the 2045 Metropolitan Transportation Plan (MTP) Air Quality Conformity Analysis and FFY19-23 TIP Air Quality Conformity Determination, both of which were approved in 2019.

Leigh Oesterling (FHWA) asked if Alaska has an Administrative Modification procedure for STIP and TIPs. Mr. Fox said yes, the MPO (FAST Planning) has a policy in place which is separate but similar to what the State has in place. Ms. Oesterling asked if Mr. Fox considered any of the project cost changes an Administrative Modification. Mr. Fox stated the project cost changes would fall under an Administrative Modification, but the reason he chose an Amendment was because the construction year of two projects was changing and both of those projects have been somewhat controversial. Mr. Fox stated he thought it was appropriate to put this out for a 30-day public comment period so comments could be made on the shift in construction years.

Ms. Oesterling commented that there are cases of TIP Amendments where a new regional emissions analysis is not needed, but a new conformity determination is needed; in these cases, the conformity determination relies on the previous regional emissions analysis. There can be TIP Amendments that do not require any conformity determination as well, such as those that only involve projects exempt from conformity.

Ned Conroy (FTA) asked if this is going to require a STIP Amendment as well. Mr. Fox said the State's procedures are incorporated into the STIP document itself, but FAST Planning has their procedures in a policy approved by their Board that can be found in FAST Planning's "Policies & Procedures" document; and the two procedures are slightly different. He added despite the fact that the State typically adopts their TIP Amendments through the STIP Amendment process, the State could view this as an Administrative Modification if it does not meet their Amendment thresholds and just adopt it by reference.

Mr. Fox then provided details of each affected project in the TIP Amendment page-by-page.

Ms. Oesterling asked for clarification on the scope for the Woll Road Resurfacing & Widening, University Avenue Widening, and University Avenue Segment 2B projects in the TIP. Mr. Fox clarified the Woll Road project would simply be adding shoulders to the roadway, not extra lanes for capacity. Judy Chapman (Alaska DOT&PF) clarified University Avenue is a 4-lane roadway and that would not change either; the improvements would only add turn lanes and add medians and sidewalks. Ms. Oesterling commented that since no travel lanes would be added to these projects they all appear to be exempt.

Ms. Oesterling's opinion was the TIP Amendment would not require a conformity determination because all of the projects being changed are exempt from conformity.

Cindy Heil (ADEC) thought it was good we had an interagency consultation on this and getting confirmation that a conformity determination was not needed.

Adam Clark (EPA) concurred with what Ms. Oesterling's said and all projects appear to be exempt so he had no issues.

Mr. Conroy agreed with what was said and had no additional comments.

Other Issues – Alaska DOT&PF's Highway Safety Improvement Program (HSIP) and Preventative Maintenance (PM) Program

Mr. Fox commented this was a new item added to the agenda for an open discussion since all agencies dealing with air quality conformity were at the table. He provided an overview of DOT&PF's Highway Safety Improvement Program (HSIP) and Preventative Maintenance (PM) Programs and stated he thought both Programs were clearly exempt under 40 CFR 93.126 so wanted to know how much effort DOT&PF needed spend on the air quality side during the environmental review process.

Ms. Heil stated that when DOT&PF goes through their environmental review process, they send out their projects to agencies to review. And, when ADEC looks at the projects they prefer the projects are sent to interagency consultation group for confirmation that they are exempt; and there is a second part to 40 CFR 93.126 that the projects are not exempt if the interagency decides it is not exempt. She added that especially if a project is in a Non-attainment or Maintenance Area they like to see that FHWA, FTA, and EPA have the opportunity to confirm whether a project is exempt.

Brett Nelson (Alaska DOT&PF) stated that the PM Program has a limited scope and is constrained by FHWA on how this funding can be spent, and those projects typically have a quick turnaround. He added that DOT&PF's standalone projects do go through conformity analyses

and the interagency consultation process, but the PM projects are limited to only those activities that are exempt and have no impact to air quality. He did not think PM projects should be bogged down in the process due to the nature of the projects of just replacing what was already there.

Ms. Chapman agreed with Mr. Nelson.

Ms. Oesterling stated these Programs are allowed by Planning regulations to be grouped projects, but should be included in the TIP. She added that to be part of a grouped Program the projects had to be exempt from conformity, but questioned “signalization” in the scope description which falls separately under 40 CFR 93.127. Signalization projects could be subject to project-level conformity and the State should be aware of this. Mr. Nelson responded that signalization under the PM Program was simply replacing existing signals that were already there.

Ms. Oesterling asked if the HSIP and PM Program tables were included in the TIP. Mr. Fox stated they were not. The individual HSIP projects are all shown in the TIP, but the PM Program was not in the TIP because the locations changes year-to-year, are all exempt from air quality conformity, and not considered “regionally significant.”

Ms. Oesterling requested the PM Program table be added to the TIP. Mr. Fox said, yes, he will add the PM Program table to the TIP but not list them out individually since the project locations are too much of a moving target. Ms. Oesterling stated that as long as this table (the PM project grouping) is in the TIP then DOT&PF can say the projects are within a conforming TIP. Mr. Nelson said that would help streamline the process for DOT&PF. Mr. Fox stated he will add the PM Program table to the TIP under Amendment #5.

Ms. Oesterling said she would email to the group the citations from the Statewide & Metropolitan Planning Regulations for “grouping” projects in the STIP and TIP.

Next Steps

There were no further comments or questions. Mr. Fox stated he would draft meeting notes and email to everyone for edits prior to the December 15th Policy Board meeting. He thanked everyone for their time and attendance and ended the meeting at 9:54 a.m.



**Policy Board
Action Items
February 23, 2022**

Motion: To approve Option A for TIP Amendment #5. (Matherly/Welch). None opposed. Approved.

Motion: To support the revised Goals and Objectives presented for the 2045 MTP Update. (Welch/Edwards). None opposed. Approved.

Motion: To release the Draft Public Participation Plan Update for a 45-day public comment period. (Edwards/Fletcher). None opposed. Approved.

Motion: To revise FAST Planning's Fiscal Policy as outlined on Pages 71 and 72 in the packet. (Fletcher/Matherly). None opposed. Approved.

Motion: To approve the FFY2022 Office Budget Amendment. (Fletcher/Welch). None opposed. Approved.

Mayor Bryce Ward
Chair, Policy Board

Date