



Alaska Department of Transportation & Public Facilities

Statewide Transportation Improvement Program Update for House Transportation Committee

Commissioner Ryan Anderson, P.E.
Deputy Commissioner Katherine Keith, PMP, PMI-ACP

April 2, 2024

2024-2027 STIP Review

STIP Submission Dates

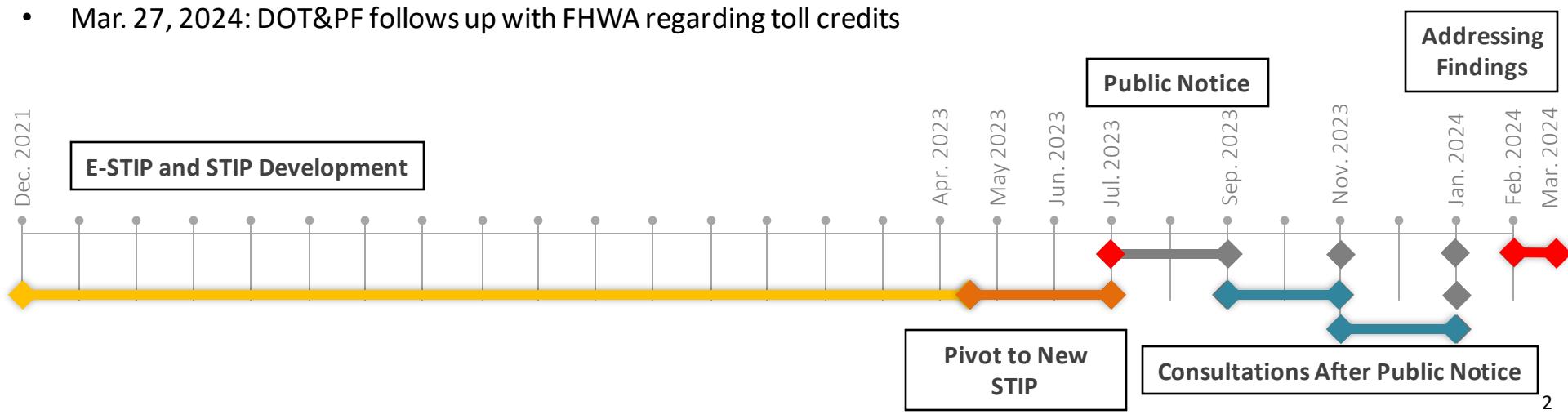
- Jul. 20, 2023: DOT&PF posts the 2024-2027 Draft STIP
- Nov. 2023: Revised 2024-2027 STIP to FHWA and FTA
- Jan. 11, 2024: Revised 2024-2027 STIP to FHWA and FTA
- Jan. 19, 2024: Revised 2024-2027 STIP to FHWA and FTA
- Mar. 1, 2024: Revised 2024-2027 STIP to FHWA and FTA

Legislative Briefings

- Feb. 13, 2024: House Transportation
- Feb. 22, 2024: Senate Transportation
- Feb. 28, 2024: Senate Finance
- Feb. 28, 2024: House Finance
- Feb. 29, 2024: House Transportation

Summary of FHWA Correspondence

- Feb. 12, 2024: DOT&PF receives planning findings from FHWA with a deadline of March 1, 2024
- Feb. 16, 2024: DOT&PF sends clarification and questions to FHWA regarding Tier 1 Findings
- Feb. 20, 2024: FHWA responds to DOT&PF questions
- Feb. 22, 2024: DOT&PF sends questions to FHWA focused on MPOs, fiscal constraint, Appendix D
- Feb. 23, 2024: FHWA responds to the February 22 letter
- Feb. 27, 2024: DOT&PF sends a listing of replacement projects for FHWA eligibility review
- Feb. 29, 2024: FHWA responds to the project listing request
- **Mar. 27, 2024: FHWA grants partial approval of the STIP**
- Mar. 27, 2024: DOT&PF follows up with FHWA regarding toll credits



2024-2027 STIP FHWA Tiered Approach

Federal Planning Findings Overview

The Federal Planning Finding is structured into **three distinct tiers**, each with its own set of conditions and requirements for resolving Federal actions.

Tier Classification and Conditions

Tier 1: Contains conditions that have been resolved for approval and identifies elements excluded from approval.

Tier 2: Lists updated conditions for amendment approval.

Tier 3: Specifies updated conditions for individual project approvals.

Corrective Actions - Tier 1

- Tier 1, Finding 1: MPO and Other Transportation Improvement Programs
- Tier 1, Finding 2: Project Groupings
- Tier 1, Finding 3: Fiscal Constraint
- Tier 1, Finding 4: STIP Amendment and Modifications Corrective action
- Tier 1, Finding 5: Self Certifications, Federal Findings, and Federal Approvals



2024-2027 STIP Narrative Changes

STIP Revision Process

TIER 1: 23 CFR 450.218(P) STIP AMENDMENT AND MODIFICATIONS

- **Removed Section:** The "Updates that Do Not Require a STIP Change" has been removed from documentation.
- **Review and Approval Process:** Details on FHWA and FTA review and approval timelines and processes have been eliminated from the STIP content

Maintenance and Operations of the Transportation System

TIER 2: 23 CFR 450.218(Q) TRANSPORTATION PERFORMANCE MANAGEMENT (TPM) AND 23 CFR 450.206(C) PERFORMANCE-BASED PLANNING AND PROGRAMMING

- **Expanded STIP Narrative:** Included detailed explanations to demonstrate fiscal constraint.
- **Appendix C Enhancements:** Clarified how maintenance and operational needs are determined.
- **Measures and Targets:** Discussed measures and targets related to maintenance and operational needs.
- **Historical Performance:** Illustrated DOT&PF's track record in meeting maintenance and operational needs.
- **Funding Process Explanation:** Outlined how needs are financially supported.
- **Investment Balance:** Provided insight on balancing capital investments with ongoing maintenance costs.
- **Project Sheets Update:** Revised to feature relevant performance factors for individual projects.



2024-2027 STIP Narrative Changes

Funding and Fiscal Constraint

Tier 1: 23 CFR 450.218(m) Fiscal Constraint

- **State Funding:** Updated Appendix C with more information on state funding availability.
- **Funding and Fiscal Constraint Discussion:** Enhanced with further details on the use of Advance Construction.

FHWA Discretionary Grants

Tier 1: 23 CFR 450.218(m) Fiscal Constraint

- **Detailed Financial Overview:** Includes descriptions of federal grant programs.
- **FTA Funds:** Features a dedicated section on FTA fund sources within the financial overview.

Public Involvement Process

Tier 2: 23 CFR 450.210 Interested Parties, Public Involvement, and Consultation

- **Enhanced Public Involvement Section:** Now includes detailed information on tribal consultation processes within the STIP.
- **Integration of Tribal Programs:** The Tribal Transportation Improvement Programs are now incorporated by reference in the STIP.
- **Federal Lands Management Inclusion:** Federal Lands Management Agency Transportation Improvement Program is also integrated by reference.

2024-2027 STIP Appendices Changes

Appendix C: Transportation Performance Management Analysis

Maintenance and Operations Needs and Investments. Additional Information included on State funding sources, and overall maintenance and operations activities.

Appendix D: Air Quality Conformance Analysis

Revisions address Jan. 4 Fairbanks Metropolitan Planning Area Non-Attainment Area

- The Air Quality Conformity status of the Fairbanks North Star Borough and the impacts to the TIP and STIP that result from this condition are documented in Appendix D: Air Quality Conformity Analysis.
- The projects in Appendix C, Table C of the Federal Planning Finding have been removed, and no additional projects within the Fairbanks North Star Borough non-attainment/maintenance area have been added to the STIP.

Appendix E: Fiscal Constraint Demonstration By Fund Type

Changes to address MPO funding and removal of programs and projects. Ledgers are included to reflect allocations of funds for projects and programs not in the STIP.



2024-2027 STIP Volume 1: Project Details

Tier 1, Finding 1: MPO and Other Transportation Improvement Programs (References Appendix A) 23 CFR 450.218(b) and (k)

Excluded in Partial Approval

- #34374 - Railroad Anchorage North & South Rail Corridor
- #26076 - Aurora Drive-Noyes Slough Bridge Replacement
- #34385 - Port of Alaska North Extension Stabilization Step 1 Project

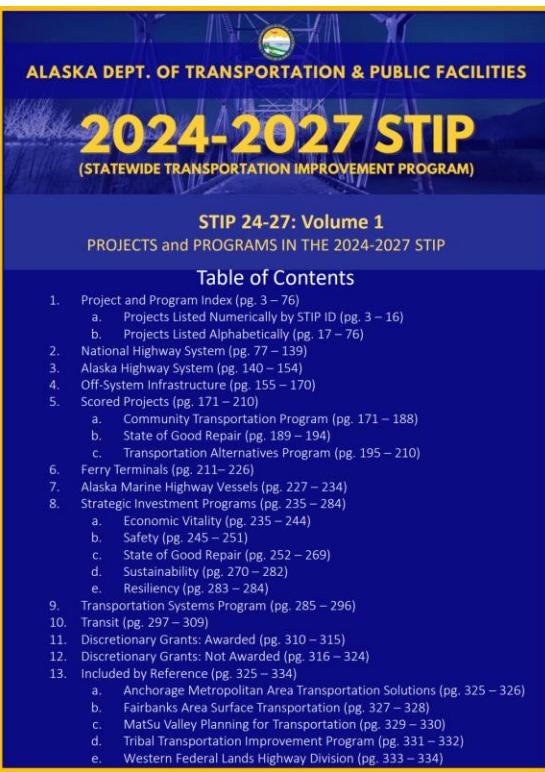


Table A

Need ID	Title	MPO	Resolution Status
33883	Area Transit Operations and Improvements	AMATS	Resolved
33862	Carbon Reduction Program: AMATS	AMATS	Resolved
6460	Community Transportation Program AMATS	AMATS	Resolved
9299	Congestion Mitigation and Air Quality Improvements: AMATS	AMATS	Resolved
34171	Glenn Highway Incident Management and Traffic Accommodations	AMATS	Resolved
31274	Glenn Highway Milepost 0-33 rehabilitation Airport Heights to Parks	AMATS	Resolved
31846	Glenn Highway and Hiland Road Interchange Reconstruction and Operational Improvements	AMATS	Resolved
34343	Metropolitan Planning Organization (MPO) AMATS Planning	AMATS	Resolved
33044	Transportation Alternatives Program: AMATS	AMATS	Resolved
34345	Urban Transit AMATS Planning	AMATS	Resolved
34374	Railroad Anchorage North & South Rail Corridor	AMATS	Excluded
34189	Reconnecting Fairview: Neighborhood Revitalization through community led highway redesign	AMATS	Resolved
34164	Seward Highway Milepost 98.5-115.3	AMATS	Resolved
26121	Air quality planning project	FAST	Resolved
20294	Air Quality public education	FAST	Resolved
3843	Airport Way and Cushman Street Intersection Reconstruction	FAST	Resolved
33863	Carbon Reduction Program: FAST MPO	FAST	Resolved
17662	Community Transportation Program: FAST MPO	FAST	Resolved
17663	Congestion Mitigation and Air Quality Improvements: FAST MPO	FAST	Resolved
34347	Fairbanks Area Transit Operations and Improvements	FAST	Resolved
34346	Metropolitan Planning Organization (MPO) FAST MPO	FAST	Resolved
34403	Peger Road Corridor Study	FAST	Resolved
29232	State Implementation Plan Committed measures	FAST	Resolved
33864	Transportation Alternatives Program: FAST MPO	FAST	Resolved
34348	Urban Transit FAST Planning	FAST	Resolved
3821	University Avenue Widening	FAST	Resolved
28089	Glenn Highway Milepost 66.5- 92 Reconstruction	WFLHD	Resolved
33825	Prince of Wales Neck Lake Road Reconstruction	WFL HD	Resolved
34262	Elliot Hwy Manley Bridge Replacement MP 150	TTIP	Resolved

2024-2027 STIP Volume 1: Project Details

Tier 1: Finding 2: Project Groupings (References Appendix B) 23 CFR 450.218(j)

Grouping Removal: Majority of program groupings have been eliminated from the STIP.

Revenue Reallocation: Funds from former groupings have been redistributed to specific DOT&PF-led projects and programs.

Appendix B – Project Groupings

The following project groupings must include a sufficient project description, including project location, type of work, termini, etc., to be included in the STIP. If any work occurs within a MPO boundary, it must first be included in the MPO's TIP before being included in the STIP by reference.

Table B

Need ID	Title	Resolution Status
34395	Carbon Reduction Program: MVP MPO	Resolved
33861	Carbon Reduction Program: Rural	Resolved
34223	Community Transportation Program: Alaska-wide	Resolved
34393	Community Transportation Program: MVP MPO	Resolved
34394	Congestion Mitigation and Air Quality Improvements: MVP MPO	Resolved
34320	Ferry Service for Rural Communities Operating Assistance	Resolved
33860	Resiliency Program	Resolved
34396	Transportation Alternatives Program: MVP MPO	Resolved
34194	West Coast Alaska Community Resiliency	Resolved

2024-2027 STIP Volume 1: Project Details

Tier 1, Finding 3: Fiscal Constraint (References Appendix D) 23 CFR 450.218(m)

Tier 3 Project Discussions: Projects like the Cascade Point Ferry Terminal and Shishmaref Sanitation Road Erosion Control are now listed under Tier 3 due to ongoing discussions.

Toll Credits: The process for approving Ferry Boat Funds as Toll Credits is carried out separately and distinctly.

Approved Projects Leveraging Toll Credits:

- M/V Tustumena Replacement Vessel
- Low No Emission Shuttle Ferry
- M/V Matanuska Safety Improvement Project
- M/V Tazlina Crew Quarters
- Yakutat Ferry Terminal Reconstruction
- Pelican Ferry Terminal Reconstruction
- M/V Kennicott Emissions and Exhaust
- M/V Columbia Controllable Pitch Propeller
- Auke Bay Ferry Terminal East Berth Mooring Rehabilitation
- M/V Mainliner Replacement Vessel
- Kake Ferry Terminal Rehabilitation
- Angoon AMHS Ferry Terminal Rehabilitation

Excluded Projects Leveraging Toll Credits:

- STIP ID 34205 “Ferry Boat Funds as Toll Credits” will be replaced with project specific information once identified.

Appendix D – Ineligible Projects

The following projects appear to be ineligible for inclusion into the STIP for the reasons shown for each specific project. These projects must be removed from the STIP.

Table D-1: Resolution Status from January 2024 STIP Submittal

Need ID	Title	Comment	Resolution Status
33824	Alaska Highway Milepost 1380 Johnson River Bridge Replacement	NHFP funding identified but is not included in the Freight Investment Plan. Ineligible for NHFP funding.	Resolved
11439	Anton Anderson Memorial (Whittier) Tunnel Maintenance and Operations	"Operations" should be removed as it and routine maintenance were deemed ineligible for federal-aid funding. NHFP funding identified but is not included in the Freight Investment Plan. Ineligible for NHFP funding.	Moved to Tier 3
33974	Cascade Point Ferry Terminal	No ferry facility here/not part of any transportation network. Project is ineligible for federal-aid funding.	Moved to Tier 3
10765	Egan Yandukin Intersection Improvements	Project is not in HSIP implementation plan. Ineligible for safety funding.	Resolved
34205	Ferry Boat Funds as Toll Credits	Toll credits do not come from a federal funding source. Any use of toll credits should be noted on the individual projects they are programmed to be used on. Toll credits have been requested and are being reviewed for approval by FHWA.	Excluded
34299	Guardrail Improvements	Project is not in HSIP Implementation Plan and ineligible for safety funding. Ineligible for PROTECT funding.	Resolved
26120	King Cove to Cold Bay Road	No CDS/earmark funds have been allocated to this project. No funding is identified.	Resolved
31310	Klondike Highway Rehabilitation: Skagway River Bridge to Canadian Border	Project not in Freight Investment Plan. Not eligible for NHFP funding.	Resolved
32218	Prince William Sound Area Transportation Plan Update	Effort is funded in AWP.	Resolved
33248	Shishmaref Sanitation Road Erosion Control	No CDS/earmark funds have been allocated to this project. Unclear where ER funding is coming from (no ER funds for this).	Moved to Tier 3

2024-2027 STIP Volume 1: Project Details

Tier 1, Finding 3: Fiscal Constraint (References Appendix D) 23 CFR 450.218(m)

Outstanding Items

- Bridge and Tunnel Inventory Work
- Bridge Scour Monitoring and Retrofit
- State Owned Shipyard Repairs

Need ID	Title	Comment	Resolution Status
33801	Southeast Alaska Transportation Plan	Effort is funded in AWP.	Resolved
33721	Statewide Transportation Improvement Program Management Software and Support	Effort is funded in AWP.	Resolved
33098	Statewide Functional Class Update	Effort is funded in AWP.	Resolved
34206	West Susitna Access Road	No bridge work identified in scope. Not eligible for BFP.	Resolved
25836	AASHTO Technical Programs Support	Unclear this project is eligible for funding. Past funding has all been research.	Resolved
ACC	Advance Construction Conversion	Conversion of AC'd funds needs to be identified on each project with the source of the converted funds identified and programmed.	Resolved
6447	Bridge and Tunnel Inventory, Inspection, Monitoring, Preservation, Rehab, and Replacement Program	Monitoring/Inspection work is ineligible for Bridge Formula Program (BFP) funding.	Excluded
6454	Bridge Management System	Work is ineligible for BFP.	Resolved
12579	Bridge Scour Monitoring and Retrofit Program	Monitoring is not eligible for BFP.	Moved to Tier 3
13239	Culvert Repair and Replacement	Unclear how bridge funding can be used if culverts are not identified and may not meet bridge requirements.	Resolved
34320	Ferry Service for Rural Communities Operating Assistance	No description supports this Need ID.	Resolved
34258	Frontier Roads, Trails, and Bridges Program	Unclear if it is eligible for identified funding sources.	Resolved
343130	State-owned Shipyard Repairs	Shipyards are not part of a transportation facility. Unclear how it is eligible for federal-aid funding.	Moved to Tier 3
33860	PROTECT Program	Project description is not adequate to support project grouping. Please provide a sufficient description or specify the project for which PROTECT funds will be used for AC Conversion.	

2024-2027 STIP Volume 1: Project Details

Tier 1, Finding 3: Fiscal Constraint (References Appendix D) 23 CFR 450.218(m)

Modified Deep-Dives now include:

•Advance Construction

Conversion (ACC): Conversion details added for obligation

•Project Estimates: Adjusted for the year of expenditure

•Asset Management Metrics:

Included when available

•Previous Obligations:

Documented and reviewed

•Project Score: Applied if applicable

•STIP ID Connections: Details on parent/child relationships

Knik Goose Bay Road Reconstruction: Fairview Loop to Settler's Bay [Parent and Final Construction]

Widen the Knik-Goose Bay Road to a divided 4-lane facility from Fairview Loop to Settler's Bay, a distance of 8.1 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.

24596 [Parent Preconstruction Stage]: ROW remaining

32298 [Stage 1] Centaur-MP 0.3 to Fairview Loop (under construction)

24596 [Parent Final Stage 3] Fairview Loop to Settlers-MP 8.4 in 2026

National Highway System

STIP ID 24596

Stage

Parent Project, Preconstruction Stage, Construction Final Stage

Phase

ROW; Construction; Utilities

STIP	2024	2025	2026	2027	2024-2027
Project Phases					
AC Conversion	\$0	\$0	\$0	\$0	\$0
Design (P2)	\$0	\$0	\$0	\$0	\$0
ROW (P3)	\$2,800,000	\$0	\$0	\$0	\$2,800,000
Construct (P4)	\$0	\$0	\$29,500,000	\$0	\$29,500,000
Utilities (P7)	\$0	\$0	\$10,500,000	\$0	\$10,500,000
Phases TOTAL	\$2,800,000	\$0	\$40,000,000	\$0	\$42,800,000
Federal Funding					
NHPP	\$2,547,160	\$0	\$36,388,000	\$0	\$38,935,160
NHFP	\$0	\$0	\$0	\$0	\$0
STBG Flex					\$0
Bridge All	\$0	\$0	\$0	\$0	\$0
HSIP	\$0	\$0	\$0	\$0	\$0
RAIL					\$0
OFF	\$0	\$0	\$0	\$0	\$0
Advance Construction					
AC	\$0	\$0	\$0	\$0	\$0
Non-Federal Matching Funds					
State Match	\$252,840	\$0	\$3,612,000	\$0	\$3,864,840
Funding Totals					
Federal TOTAL	\$2,547,160	\$0	\$36,388,000	\$0	\$38,935,160
All Funds TOTAL	\$2,800,000	\$0	\$40,000,000	\$0	\$42,800,000

After 2027			
\$0			
If Parent: Funds Programmed in Child Projects			
\$0			
Prior Year Programming (AC+Fed+Match)			
\$26,519,717			
Details by STIP ID			
24596	P2	\$15,241,503	
24596	P3	\$11,278,214	

DOT Region	Location
Central Region	Wasilla
	Strategic Investment Area
Safety	
Appropriation or Apportionment	
National Highway Performance Program	
Allocation or Suballocation	
NHPP	
Other Fund Details	
Construction Year(s)	
2026	
Work Type	Pavement Reconstruction
Pavement Condition	
Current Condition	Expected Condition
Good	Good

Bridge Data (Bridge #, Year Built, Condition)

Full Project Cost Estimate Details				
Date of Estimate	PreCon Adjusted for YOE	Construction Adjusted for YOE	Contingency Included (If Known)	Type of Estimate
4/15/2019	\$1,362,719	\$40,084,076		Engineer Pre-Project Estimate

2024-2027 STIP Volume 1: Project Details

Tier 1, Finding 5: Air Quality Conformity, Self-certifications, Federal Findings and Federal Approvals. 23 CFR 450.220 / 23 CFR 450.220(a)(7)

- Project Adjustments:** Projects within the Particulate Matter (PM) 2.5 Non-Attainment Area have been removed.
- Interagency Consultations:** Consultations completed for Richardson Highway Milepost 346 Chena Bridges Replacement.
- Amendment Process:** The Chena Bridges Replacement will be addressed in an upcoming amendment.

Appendix C – Projects Requiring Interagency Consultation

Due to the Conformity Freeze for the Fairbanks Northstar Air Quality Non-attainment area, the following projects must first be reviewed by the Fairbanks North Star Interagency Consultation process prior to inclusion in the TIP or STIP listed in the Table. These must be removed from the STIP.

Table C

Need ID	Title	TIP/STIP	Resolution Status
34399	Weigh-in-Motion Wayside Improvements	STIP	Resolved
34130	Richardson Highway Milepost 346 Chena Bridges Replacement	TIP	Resolved
34196	International Airport Charging Stations	TIP	Resolved

Project Allocations to Replace Programs

Community Transportation Program (CTP) & Transportation Alternatives Program (TAP)

Community Transportation Program 2023 Projects	
Project Name	PEB Score
Akutan Harbor Access Road	339/500
Bogard Road Reconstruction: North Earl Drive to North Engstrom Road	382/500
Captain's Bay Road	334/500
Seldon Road Reconstruction: Wasilla-Fishhook Road to Snowgoose Drive	369/500
Vintage Boulevard and Clinton Drive Reconstruction	344/500
Wales Community Roads Improvement	338/500
Wales to Tin City Road Reconstruction	371/500

Transportation Alternatives Program 2023 Projects	
Project Name	PEB Score
Craig to Klawock Bike and Pedestrian Path	381/500
Healy Area and School Pedestrian Path	389/500
Healy to Antler Ridge Separated Path	411/500
Homer All-ages and Abilities Pedestrian Pathway (HAPP)	363/500
Inner and Outer Springer Loop Separated Pathway	359/500
Knik River Wayside Gold Star Families Memorial	388/500
Montana Creek Bridge Replacement	340/500
Naknek to King Salmon Non-motorized Pathway	438/500
Palmer-Fishhook Separated Pathway: Trunk Road to Edgerton Parks Road	415/500
Portage Curve Multi-Modal and Trail of Blue Ice Connector	439/500
Spruce Mill Promenade	363/500

Project Allocations to Replace Programs

Sustainable Transportation Program; Frontier Roads, Trails and Bridges; PROTECT

Sustainable Transportation Program Projects		
STIP ID	Project Name	2024-2024 Total
26168	Air Quality Mobile Source Modeling	\$800,000
34455	Construction Material Waste	\$250,000
34464	DOT&PF Fleet Conversion	\$10,097,054
34198	Light Up the Highways	\$10,121,781
32684	Low No Emission Electric Buses and Charging Stations	\$30,636,421
33865	National Electric Vehicle Infrastructure Program	\$71,354,257
34454	Off-System Alternative Fuel and Electric Vehicle Charging Infrastructure Program	\$7,338,923
34451	Renewable Diesel Implementation Study	\$650,000
34452	Rural Dust Mitigation Program	\$1,500,000
34195	Southeast Alaska Port Electrification	\$11,477,140
34199	Sustainable Transportation Inventory and Data Collection	\$2,059,319

Frontier Roads, Trails, and Bridges Program Projects		
STIP ID	Project Name	2024-2024 Total
33973	Arctic Strategic Transportation and Resources (ASTAR) Planning and Environmental Linkages Study (PEL) Triangle Community Road Corridor	\$1,605,621
33962	Ice Roads and Seasonal Roads Maintenance Program	\$17,858,702
12259	Recreational Trails Program	\$9,828,512
34259	Rural Community Connections Program	\$2,500,000
34432	Yukon-Kuskokwim Frontier Road Construction	\$8,200,000

PROTECT Program Projects		
STIP ID	Project Name	2024-2024 Total
Ledger	[LEDGER] PROTECT Transfer to Surface Transportation Block Grant (STBG) Flex	\$40,949,857
34427	Kachemak Bay Drive Milepost 0-3.5 Reconstruction	\$5,320,000
33860	PROTECT Program [EXCLUDED] AC Conversion	\$407,284

2024-2027 STIP Volume 2: TIPs Incorporated by Reference

Tier 1, Finding 1: MPO and Other Transportation Improvement Programs (References Appendix A) 23 CFR 450.218(b) and (k)

Surface Transportation Block Grant: Population >200K

AMATS TIP (Incorporated by Reference)

Federal transportation funding to the state is detailed in apportionment memos, which dictate urban area suballocations based on population. Anchorage receives 17%, Fairbanks 9.7%, and Mat-Su Borough 7.3% of these population-based funds, dependent on the state's total federal apportionment.

Name	STIP Funding to MPO	AMATS Estimated Funding	AMATS Planned Expenditures	AMATS Fiscal Constraint Balance
AMATS-STBG>200k Carryover		\$14,093,036		\$14,093,036
STBG AMATS-FY24	\$33,620,615	\$31,368,000	\$31,368,000	\$0
STBG AMATS-FY25	\$34,629,233	\$31,368,000	\$31,368,000	\$0
STBG AMATS-FY26	\$35,668,110	\$31,368,000	\$31,368,000	\$0
STBG AMATS-FY27	\$36,738,154			\$0



STIP 24-27: Volume 2 INCORPORATED BY REFERENCE Transportation Improvement Programs (TIP)

Table of Contents

1. FAST (Fairbanks Area Surface Transportation) Planning
 - a) Metropolitan Transportation Plan (MTP)
 - b) Transportation Improvement Program (TIP)
 - c) Air Quality Conformity
2. AMATS (Anchorage Metropolitan Area Transportation Solutions)
 - a) Metropolitan Transportation Plan (MTP)
 - b) Transportation Improvement Program (TIP)
 - c) Air Quality Conformity
3. WFLHD (Western Federal Lands Highway Division) Transportation Improvement Program TIP
4. TTIP (Tribal Transportation Improvement Program)

[LEDGER-TIP] Anchorage Metropolitan Area Transportation Solutions (AMATS) Transportation Improvement Program (TIP)

Anchorage Metropolitan Area Transportation Solutions (AMATS) Transportation Improvement Program (TIP) projects use various transportation funds under a unified framework for the Anchorage metropolitan area. Along with planning and capital improvement projects, these FHWA and FTA funds address air quality, congestion, and non-motorized transportation options, and facilitate carbon emissions reduction. Additionally, FTA transit funds support ongoing safe, reliable, and accessible public transportation networks. All projects are delineated in the AMATS TIP and incorporated by reference into this STIP. For details on the AMATS MTP and TIP go to www.muni.org/Departments/OCPD/Planning/AMATS.

LEDGER
This page represents
fund transfers and are
not STIP projects or
programs.

STIP 2024-2027 Revenue Forecast for Population Suballocations and Additional Allocations

MPO Ledger Summary	The values presented are calculated based on the 2024 Federal Highway Administration (FHWA) and the 2023 Federal Transit Administration (FTA) apportionment notices, using the prescribed percentages, 2020 Census Data, and a 3% inflation rate. These figures represent the total available revenue and do not account for any limitations due to obligation authority, which typically covers 90% of the available revenue. Funding not required to be included in a STIP or TIP, such as Metropolitan Planning and Urban Transit Planning Funds (5303), is not specified in this summary. The "Estimated Funding" and "Planned Expenditures" column totals are derived directly from the TIP, with a blank signifying no funds detailed in the TIP. Discrepancies between "STIP Funding to MPO" and "MPO Estimated Funding" will be addressed in the next STIP/TIP amendments.
STIP Funding to MPO	Outlines financial allocations from STIP to MPO, detailing federal, state, and local fund distribution for transportation planning and projects within the MPO's boundary, following FHWA and FTA regulations for intergovernmental coordination and apportionment memos for funding distribution.
TIP Estimated Funding	Presents forecasted revenue and funding sources for the TIP, essential for upholding fiscal constraint.
TIP Planned Expenditures	Details anticipated financial outlays within the MPO, highlighting necessary funding for upcoming transportation projects and initiatives as per FHWA and FTA guidelines for fiscal responsibility and strategic allocation.
Fiscal Constraint Balance	Illustrates the equilibrium between projected income and expenditures, ensuring TIP compliance with fiscal constraints.

Volume 3: Engagement Summary

Volume 4: Project Selection



ALASKA DEPT. OF TRANSPORTATION & PUBLIC FACILITIES

2024-2027 STIP

(STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM)

STIP 24-27: Volume 3
Engagement Summary

Table of Contents

1. Change Log
2. Individual Comments
 - a) Online Comments and Responses
 - b) Long-form Online Comments and Responses
 - c) Letters and Responses
3. Local Government Comments
 - a) Online Comments and Responses
 - b) Letters and Responses
4. Legislature Comments
 - a) Online Comments and Responses
 - b) Letters and Responses
5. Corporation Comments
 - a) Online Comments and Responses
 - b) Letters and Responses
6. NGO (Non-Governmental Organization) Comments
 - a) Online Comments and Responses
 - b) Long-form Online Comments and Responses
 - c) Letters and Responses
7. Definitions



ALASKA DEPT. OF TRANSPORTATION & PUBLIC FACILITIES

2024-2027 STIP

(STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM)

STIP 24-27: Volume 4
Project Selection

Table of Contents

1. CDS (Congressionally Designated Spending)
2. NHFP (National Highway Freight Program)
3. CTP (Community Transportation Program)
4. TAP (Transportation Alternatives Program)
5. SOGR (State of Good Repair)
6. Bridge SOGR
7. HSIP (Highway Safety Improvement Program)
8. TAMP (Transportation Asset Management Plan)
9. Selected Investment Strategy: NHS pavements and bridges
10. CRS (Carbon Reduction Strategy)

2024-2027 STIP – Tier 2 and Tier 3 Focus Moving Forward

• Coordination and Collaboration

- Combine efforts of state, MPO, and agencies in planning as per **23 CFR 450.208**

• Public Involvement Strategy

- Actively involve communities and stakeholders to enhance project transparency according to **23 CFR 450.210**

• STIP Development Process

- Integrate multimodal projects ensuring a four-year scope, aligning with directives from **23 CFR 450.218**

• Integration with MPOs

- Sync MPO Transportation Improvement Programs with STIP for state and regional coherence as detailed in **23 CFR 450.218(b) & (k)**

• Financial Planning

- Follow 'Year of Expenditure' financial planning, incorporate inflation, and ensure fiscal constraint based on **23 CFR 450.218(l)**

• Streamlining STIP Amendments & Approvals

- Regularly update STIP, maintain clarity in funding, and ensure public participation for transparency as required by **23 CFR 450.218(p)**

• Enhancing Performance Management in Planning

- Set, track, and invest in meeting transportation performance targets, referencing **23 CFR 450.218(q) & 23 CFR 450.206(c)**

• Upholding Federal Compliance through Reviews

- Conduct planning certification reviews, adhering to federal standards per **23 CFR 450.336(b)**



Next Steps



Strengthen DOT&PF STIP team to resolve Tier 2 and 3 challenges

- **MPO Team Structure:** Transition to an Alaska-wide MPO team to ensure unified regional planning
- **Transparency and Alignment:** Commit to enhanced transparency and rigorous scrutiny in aligning TIPs with the STIP for cohesive transportation planning

Prioritize resolving MPO concerns and establish robust processes for project inclusion in TIPs

- **Streamlining Operations:** Work towards rectifying outdated operating agreements and develop new policies to streamline operational processes
- **Updating Documentation:** Update key governing documents, including bylaws and operating agreements
- **Policy Development for NHS Routes:** Formulate policies specific to National Highway System routes within MPO jurisdictions
- **Enhancing the 3Cs:** Strengthen communication, collaboration, and coordination to address FHWA concerns

Continue efforts to modernize STIP processes by leveraging technology tools

- **Inter-organizational Platform Sharing:** Encourage sharing common platforms between DOT&PF and MPOs for efficiency and consistency
- **Cloud-based Technology Transition:** Continue the shift to cloud-based platforms for enhanced accessibility and collaboration and integrate AI solutions to improve data analysis and decision-making processes
- **STIP Methodology Update:** Adopt a rolling STIP approach to allow continuous planning and adjustments as needed

Thank You. Questions?



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Projects Added to the Final STIP

STIP ID	Project Name	STIP ID	Project Name
AMAT	[LEDGER-TIP] Anchorage Metropolitan Area Transportation Solutions (AMATS) Transportation Improvement Program (TIP)	32298	Knik Goose Bay Road Reconstruction: Fairview Loop to Settler's Bay [Stage 1]
S TIP		34244	Knik River Wayside Gold Star Families Memorial [TAP Award 2023]
FAST	[LEDGER-TIP] Fairbanks Area Surface Transportation (FAST) Transportation Improvement Program (TIP)	34417	Lutak Dock Replacement Project
TIP		34246	Montana Creek Bridge Replacement [TAP Award 2023]
MVP	[LEDGER-TIP] MatSu Valley Planning for Transportation (MVP) Transportation Improvement Program (TIP)	26149	Naknek to King Salmon Non-motorized Pathway [TAP Award 2023]
TIP		34454	Off-System Alternative Fuel and Electric Vehicle Charging Infrastructure Program
34423	[LEDGER-TIP] Tribal Transportation Improvement Program (TTIP)	6234	Palmer-Fishhook Separated Pathway: Trunk Road to Edgerton Parks Road [TAP Award 2023]
	[LEDGER-TIP] Western Federal Lands Highway Division (WFLHD) Transportation Improvement Program (TIP)		Parks Highway Milepost 99-163 Improvements and Railroad Creek Bridge Replacement [SOGR 2018] [Stage 1]
34422		34442	Parks Highway Milepost 99-163 Improvements and Railroad Creek Bridge Replacement [SOGR 2018] [Stage 2]
34232	Akutan Harbor Access Road [CTP Award 2023]	34443	Parks Highway Milepost 99-163 Improvements and Railroad Creek Bridge Replacement [SOGR 2018] [Stage 3]
34445	Alaska Highway Milepost 1380 Johnson River Bridge Replacement [Stage 1]	34444	34441 Parks Highway Milepost 315-325 Reconstruction [Stage 2]
34447	Alaska Highway Milepost 1393 Gerstle River Bridge Replacement [Stage 1]	34245	Portage Curve Multi-Modal and Trail of Blue Ice Connector [TAP Award 2023]
34456	Avalanche Mitigation Program	18924	33018 Quartz Creek Bridge Replacement
23675	Barge Landing Access Road and Boardwalk Improvements		34451 Renewable Diesel Implementation Study
		34342	30830 Revilla New Ferry Berth and Upland Improvements
		18634	30831 Revilla Refurbish Existing Ferry Berth
		34349	34452 Rural Dust Mitigation Program
29877	Chiniak Highway Milepost 15-31 Rehabilitation [Parent and Final Construction]		34174 Rural Ports and Barge Landings Program [Parent]
32638	Chiniak Highway Milepost 15-31 Rehabilitation [Stage 2]		32378 Second Street Reconstruction [CTP Award 2019]
34455	Construction Material Waste		34243 Seldon Road Reconstruction: Wasilla-Fishhook Road to Snowgoose Drive [Parent] [CTP Award 2023]
	Craig to Klawock Bike and Pedestrian Path: [Parent and Final Construction] [TAP Award 2023]		34460 Seward Highway and Sterling Highway Intersection Improvements [Stage 1]
27732			34457 South Tongass Highway and Water Street Viaduct Improvements [Stage 1]
34428	Craig to Klawock Bike and Pedestrian Path: Stage 1 [TAP Award 2023]		34458 South Tongass Highway and Water Street Viaduct Improvements [Stage 2]
	Dalton Highway Milepost 109-144 Reconstruction and Douglas Creek Bridge Replacement [Stage 1]		34248 Spuce Mill Promenade [TAP Award 2023]
30270			34449 State Rail Plan
	Dalton Highway Milepost 305-335 Reconstruction and Dan Creek Bridge Replacement [Stage 1]		34313 State-owned Shipyard Repairs
30281			32300 Sterling Highway Milepost 45-60 [Stage 1]
34464	DOT&PF Fleet Conversion		32319 Sterling Highway Milepost 45-60 [Stage 3]
34433	Fairview Loop Road Rehabilitation and Pathway [Stage 1]		34462 Sterling Highway Milepost 82.5-94 Safety Corridor Improvements [Stage 1]
	Glenn Highway Milepost 53-56 Reconstruction and Moose Creek Bridge Replacement		34434 Sterling Highway Milepost 157-169 Reconstruction Anchor Point To Baycrest Hill [Stage 1]
34467			34435 Sterling Highway Milepost 157-169 Reconstruction Anchor Point To Baycrest Hill [Stage 2]
	30834 Gravina Refurbish Existing Ferry Berth		34436 Sterling Highway Milepost 157-169 Reconstruction Anchor Point To Baycrest Hill [Stage 3]
30169	Healy Area and School Pedestrian Path [TAP Award 2023]		34450 Truck Parking Study
34425	Healy to Antler Ridge Separated Path [TAP Award 2023]		34234 Vintage Boulevard and Clinton Drive Reconstruction [CTP Award 2023]
34426	Homer All-ages and Abilities Pedestrian Pathway (HAPP) [TAP Award 2023]		34204 Wales Community Roads Improvement [CTP Award 2023]
33962	Ice Roads and Seasonal Roads Maintenance Program		34104 Wales to Tin City Road Reconstruction [CTP Award 2023]
34251	Inner and Outer Springer Loop Separated Pathway [TAP Award 2023]		34461 West Susitna Access Road [Stage 1]
34427	Kachemak Bay Drive Milepost 0-3.5 Reconstruction		34448 Whitshed Road and Pedestrian Improvements [Stage 1]
31098	Ketchikan Ferry Terminal Improvements [Stage 2]		31596 Winter Trail Marking
34431	Klondike Highway Rehabilitation: Skagway River Bridge to Canadian Border [Stage 2]		34432 Yukon-Kuskokwim Frontier Road Construction

Projects Removed from the Final STIP

STIP ID	Project Name	STIP ID	Project Name
ACC	Advance Construction Conversion	34312	High Priority Fish Passage Restoration at Threemile Creek in Klawock, Alaska
26161	Air Quality Planning Project	34196	International Airport Charging Stations
20294	Air Quality Public Education	34354	Ketchikan Airport Ferry Terminal
3843	Airport Way and Cushman Street Intersection Reconstruction	26120	King Cove to Cold Bay Road
27509	Alaska Marine Highway System Ferry Overhauls	34343	Metropolitan Planning Organization (MPO) AMATS Planning
34397	Anchorage Area Transit Operations and Improvements	34346	Metropolitan Planning Organization (MPO) FAST Planning
28332	Anton Anderson Memorial (Whittier) Tunnel Backup Generation	34404	Metropolitan Planning Organization (MPO) MVP Planning
33693	Big Lake Road Rehabilitation	343131	Naknek River Watershed Culvert Replacements, King Salmon, Alaska
33862	Carbon Reduction Program: AMATS	34201	Nome Emergency Repairs from the West Coast Alaska Storm
33863	Carbon Reduction Program: FAST MPO	34403	Peger Road Corridor Study
34395	Carbon Reduction Program: MVP MPO	33825	Prince of Wales Neck Lake Road Reconstruction
33861	Carbon Reduction Program: Rural	32218	Prince William Sound Area Transportation Plan Update
34223	Community Transportation Program: Alaskawide	34374	Railroad Anchorage North & South Rail Corridor
6460	Community Transportation Program: AMATS	34373	Railroad Milepost 190.5 Bridge Replacement Project
17662	Community Transportation Program: FAST MPO	32580	Richardson Highway Milepost 233 Bear Creek Bridge Permanent Repair
34393	Community Transportation Program: MVP MPO	34130	Richardson Highway Milepost 346 Chena Bridges Replacement
9299	Congestion Mitigation Air Quality Improvements: AMATS	34164	Seward Highway Milepost 98.5-115.3 Reconstruction
17663	Congestion Mitigation and Air Quality Improvements: FAST MPO	30209	Sitka Sea Walk Phase 2 [TAP Award 2016]
34394	Congestion Mitigation and Air Quality Improvements: MVP MPO	33801	Southeast Alaska Transportation Plan
18791	Congestion Mitigation and Air Quality Improvements: Statewide	29232	State Implementation Plan Committed Measures
33240	Dalton Highway Milepost 190 Hammond River Bridge Replacement	343130	State-owned Shipyard Repairs
34262	Elliot Highway Manley Bridge Replacement Milepost 150	33098	Statewide Functional Class Update
34347	Fairbanks Area Transit Operations and Improvements		Statewide Transportation Improvement Program Management Software and Support
34258	Frontier Roads, Trails, and Bridges Program	33881	Sterling Highway Schooner and Cooper Landing Bridge Preservation
31846	Glenn Highway and Hiland Road Interchange Reconstruction and Operational Improvements	30689	Transportation Alternatives Program: Alaskawide
34171	Glenn Highway Incident Management and Traffic Accommodations	33044	Transportation Alternatives Program: AMATS
2320	Glenn Highway Milepost 53-56 Reconstruction and Moose Creek Bridge Replacement	33864	Transportation Alternatives Program: FAST MPO
31274	Glenn Highway Milepost 0-33 Rehabilitation Airport Heights to Parks	34396	Transportation Alternatives Program: MVP MPO
28089	Glenn Highway Milepost 66.5-92 Reconstruction	3821	University Avenue Widening
34299	Guardrail Improvements	34345	Urban Transit AMATS Planning
		34348	Urban Transit FAST Planning
		34406	Urban Transit MVP Planning
		34260	Waysides Program
		34194	West Coast Alaska Community Resiliency
		34391	Yakutat Fish Passage Culvert Replacement Program