

# MEMORANDUM

# State of Alaska

## Department of Transportation & Public Facilities Division of Program Development

**TO:** Marc Luiken  
Commissioner

**DATE:** October 6, 2017

**THRU:** Mike Vigue, Director *MAV*  
Program Development

**PHONE NO:** 465-4070  
**FAX NUMBER:** 465-6984

**FROM:** Maren Brantner *MB*  
STIP Planner

**SUBJECT:** Recommend Approval of  
FMATS TIP Admin Mod #2

The FMATS Policy Committee approved Administrative Modification #2 to the FMATS 2017-2020 Transportation Improvement (TIP) on September 20, 2017.

We recommend a conditional approval based on the following changes. A technical correction is necessary to the Need ID reference for Minnie Street Upgrade. Additionally, offset funding was omitted from the summary of changes, and must be identified in the future.

In accordance with the agreement between FMATS and Alaska DOT&PF, the Fairbanks MPO coordinator and FMATS Policy Committee has determined Administrative Modification #2 to the FMATS 2017-2020 TIP has met all the requirements of US Code Title 23, Section 134 and is fiscally constrained by the allocations made in the 2016-2019 Statewide Transportation Improvement Program (STIP). An administrative modification does not require a new conformity determination per 23 CFR 405.104.

Your conditional approval of Administrative Modification #2 to the FMATS 2017-2020 TIP is recommended and required as the statutory designee for all state transportation planning matters.

Approved: *Marc Luiken*  
Marc Luiken, Commissioner

Date: 10/23/17

Attachment: FMATS 2017-2020 TIP Admin Mod #2 with tables  
FMATS 2017-2020 TIP Admin Mod #2 approval request letter  
Summary of Changes Table

CC: Ryan Anderson, Director, ADOT&PF Northern Region  
Margaret Carpenter, FMATS Planner, ADOT&PF Northern Region  
Judy Chapman, Planning Chief, AKDOT&PF Northern Region  
Ned Conroy, FTA

*"Keep Alaska Moving through service and infrastructure."*



**Policy Board Meeting  
Action Items  
09.20.17**

**Motion:** To approve the draft MTP Existing Conditions Report for public comment. (Kassel/Koch). None opposed. Approved.

**Motion:** To approve the 2017-2020 TIP Administrative Modification #2. (Kassel/Matherly). None opposed. Approved.

**Motion:** To approve the FFY18 FMATS Budget. (Matherly/Roberts). None opposed. Approved.

**Motion:** To approve the Landscape Policy. (Kassel/Matherly).

**Amendment to Motion:** To remove creation of habitat and carbon storage bullets from the Principal Points. (Roberts/Cleworth). Two in favor (Roberts, Cleworth). Five opposed. Amendment Failed.

**Amendment to Motion:** To remove Black Spruce from the list of Approved Plant Materials. (Cleworth/Roberts). Two in favor (Cleworth, Roberts). Five opposed. Amendment Failed.

**Original Motion:** To approve the Landscape Policy. Six in favor. One opposed (Roberts). Approved.

**Motion:** To approve Task 11 of the Transition Plan. (Kock/Lawrence). None opposed. Approved

**Motion:** To change the FMATS governance structure. (Ward/Kassel).

**Amendment to Motion:** That FMATS reorganize the MOU to an independent organization for the purpose of employee management by organizing as an appropriate entity recognized by state and federal regulations and that the City of Fairbanks will process PL purchasing for the MPO through their procurement process and provide housing to be done as soon as possible with a deadline of January 1, 2018. (Cleworth/Ward). None opposed. Approved.

**Amendment to Motion:** To add pending approval of a \$150k line of credit from the Fairbanks City Council (Kassel/Lawrence). All opposed. Amendment Failed.

**Amendment to Motion:** To add with appropriate approval by the City of Fairbanks. (Ward/Lawrence). None opposed. Approved.



**Amended Motion:** That FMATS reorganize the MOU to an independent organization for the purpose of employee management by organizing as an appropriate entity recognized by state and federal regulations and that the City of Fairbanks will process PL purchasing for the MPO through their procurement process and provide housing to be done as soon as possible with a deadline of January 1, 2018 with appropriate approval by the City of Fairbanks. None opposed. Approved.

\_\_\_\_\_  
Mayor Bryce Ward  
Chair, Policy Board

\_\_\_\_\_  
Date



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September 20, 2017

State of Alaska Department of Transportation and Public Facilities  
Mr. Ryan Anderson, P.E.  
2301 Peger Road  
Fairbanks, AK 99709

**RE: Transmittal of FMATS' 2017 – 2020 TIP Administrative Modification #2**

Dear Mr. Anderson:

Attached for approval and inclusion in the Statewide Transportation Improvement Program (STIP) is the Fairbanks Metropolitan Area Transportation System (FMATS) 2017 - 2020 Transportation Improvement Program (TIP) Administrative Modification #2. The FMATS Policy Board approved this document on September 20, 2017. This TIP was done primarily to increase the FTA 5307 funding that the Fairbanks North Star Borough will receive in future fiscal years. Other funding changes were also included in this TIP.

Once the Governor's approval is received, we request the TIP Administrative Modification #2 Revision be included in the STIP, required under 23 U.S.C. 135. Your prompt attention to this task would be greatly appreciated by the MPO. Please notify the MPO Executive Director at [donna.gardino@fmats.us](mailto:donna.gardino@fmats.us) when transmitting this TIP to DOT & PF Headquarters for inclusion in the STIP.

Sincerely,

Mayor Bryce Ward  
Policy Board Chair

Attachments: FMATS FFY 2017 - 2020 TIP Administrative Modification #2

CC: Randi Motsko, Fairbanks Field Office, ADOT&PF



**FMATS 2017 - 2020**  
**Summary of Changes**  
**September 20, 2017**

Project	PAGE	PHASE	AMOUNT	FUNDING					
College Road Bus Pullouts	1	4			Modify the scope per the request of DOT&PF				
College Road Bus Pullouts	1	4	(\$600.4)	CTP	Move PH4 from FFY20 to the outyears due to delayed project start				
College Road Bus Pullouts	1	4	(\$59.6)	SM	Move PH4 from FFY20 to the outyears due to delayed project start				
Cowles Street Reconstruction	1	2	\$18.2	CTP	Increase PH2 from \$266.9 to \$285.1				
Cowles Street Reconstruction	1	2	\$0.9	SM	Increase PH2 from \$13.2 to \$14.1				
Cowles Street Reconstruction	1	2	\$0.9	3PF	Increase PH2 from \$13.2 to \$14.1				
Gillam Way Reconstruction	3	4	\$4,048.2	AC	Add to FFY18				
Gillam Way Reconstruction	3	4		AC-SM	Add \$216.5 to FFY18 and remove from FFY19 and change fund code				
Gillam Way Reconstruction	3	4		AC-3PF	Add \$185.3 to FFY18 and remove from FFY19 and change fund code				
Gillam Way Reconstruction	3	4	(\$4,048.2)	ACC	Add AC Conversion to FFY19				
McGrath Road Upgrade	4	3	(\$1.3)	CTP					
McGrath Road Upgrade	4	3	(\$0.1)	SM					
McGrath Road Upgrade	4	7	\$300.2	CTP	Increase PH7 from \$227.4 to \$527.6 per latest estimate				
McGrath Road Upgrade	4	7	\$29.8	SM	Increase match on PH7 from \$22.6 to \$52.4 per latest estimate				
McGrath Road Upgrade	4	4	\$5,094.3	AC	Use AC funding and move from FFY18 to FFY20				
McGrath Road Upgrade	4	4		AC-SM	Change code from SM to AC-SM and move from FFY18 to FFY20				
McGrath Road Upgrade	4	4		ACC	Add \$5,094.3 AC conversion in beyond years				
McGrath Road Upgrade	4	4		CTP	Add \$5,094.3 CTP in beyond years				
McGrath Road Upgrade	4	4	(\$329.7)	CMAQ	Replace CMAQ with AC and move to FFY20				
McGrath Road Upgrade	4	4	(\$4,764.6)	CTP	Replace CTP with AC and move to FFY20				
Yankovich Miller Hill Road	5	2	\$292.3	CTP	Increase PH2 to \$354.8 and move to FFY18				
Yankovich Miller Hill Road	5	2	\$28.9	SM	Increase PH2 to \$35.2 and move to FFY18				
Yankovich Miller Hill Road	5	3	\$486.7	CTP	Increase PH3 from \$4.5 to \$491.2 per latest estimate and move to FFY19				
Yankovich Miller Hill Road	5	3	\$48.3	SM	Increase PH3 from \$.5 to \$48.8 per latest estimate and move to FFY19				

**FMATS 2017 - 2020**  
**Summary of Changes**  
**September 20, 2017**

<b>Project</b>	<b>PAGE</b>	<b>PHASE</b>	<b>AMOUNT</b>	<b>FUNDING</b>				
Yankovich Miller Hill Road	5	7	\$482.1	CTP	Increase PH7 from \$291.1 to \$773.2 per the latest estimate			
Yankovich Miller Hill Road	5	7	\$47.9	SM	Increase PH7 from \$28.9 to \$76.8 per the latest estimate			
Chena River Walk Stage III	7	2	\$74.5	CMAQ	Increase the CMAQ funds from \$68.3 to \$142.8			
Chena River Walk Stage III	7	2	\$7.4	SM	Increase the SM from \$6.8 to \$14.2			
Chena River Walk Stage III	7	2	(\$74.5)	CTP	Remove the CTP funds replaced with CMAQ			
Chena River Walk Stage III	7	2	(\$7.4)	3PF	Remove the 3PF funds			
Wembley Avenue	7	2	\$36.4	BANK	Add additional funding per DOT&PF request			
Wembley Avenue	7	2	\$3.6	SM	Add additional funding per DOT&PF request			
FMATS Improvement Program	9	4	(\$4,415.8)	ILLU	Removed the ILLU funding and replaced with CTP, Bank and 3PF			
FMATS Improvement Program	9	4	\$3,577.7	CTP				
FMATS Improvement Program	9	4	\$1,029.9	Bank				
FMATS Improvement Program	9	4	\$457.3	3PF				
FMATS Improvement Program	9	4	\$654.3	TAP	Included the STIP TAP funding for the Yukon Drive project in FFY18			
FMATS Improvement Program	9	4	(\$109.3)	CTP	Reduce \$1,912.6 to \$1,803.3			
FMATS Improvement Program	9	4	(\$10.9)	3PF	Reduce \$189.9 to \$179.0			
FMATS Sidewalk Improvement	9	2	(\$277.0)	ILLU	Remove the ILLU funds			
FMATS Sidewalk Improvement	9	2	\$255.3	CMAQ	Change ILLU to CMAQ and increase to latest estimate			
FMATS Sidewalk Improvement	9	2	\$25.3	SM	Add the SM			
FMATS Sidewalk Improvement	9	7	(\$208.0)	ILLU	Remove the ILLU funds and replace with CTP and SM in FFY18			
FMATS Sidewalk Improvement	9	7	\$189.2	CTP	Add CTP funds - still awaiting latest estimate			
FMATS Sidewalk Improvement	9	7	\$18.8	SM	Add CTP funds - still awaiting latest estimate			

**FMATS 2017 - 2020  
Summary of Changes  
September 20, 2017**

<b>Project</b>	<b>PAGE</b>	<b>PHASE</b>	<b>AMOUNT</b>	<b>FUNDING</b>					
<b>Summary Page</b>									
Add Bank Funds	11		\$1,066.3	Bank					
Add Match for Bank Funds	11		\$105.8	Bank-M					
Urbanized Area Formula FNSB	11		\$401.1	FTA	Increase 5307 in accordance with the new formula for remaining FYYs				
Urbanized Area Formula FNSB	11		\$401.1	Match	Increase match in accordance with the new formula for remaining FFYs				
Urbanized Area Formula ARRC	11		(\$111.0)	FTA	Remove all funding in FFY19 and FFY20				
Urbanized Area Formula ARRC	11		(\$28.0)	Match	Remove all funding in FFY19 and FFY20				

# FMATS



FAIRBANKS METROPOLITAN AREA TRANSPORTATION SYSTEM



**2017 – 2020**

**Transportation Improvement Program**

**Administrative Modification #2**

**Approved September 20, 2017**



**FMATS 2017 - 2020 FMATS TRANSPORTATION IMPROVEMENT PROGRAM  
ADMINISTRATIVE MODIFICATION #2  
APPROVED  
09.20.17**

FMATS 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) ADMINISTRATIVE MODIFICATION #2

This is the FMATS 2017 - 2020 Fairbanks Metropolitan Area Transportation System (FMATS) TIP Administrative Modification #2. This TIP was established to recognize changes in project delivery and funding levels for several projects. Slight modifications to the College Road scope was also made as requested by the DOT&PF but nothing of major import.

FMATS added additional funding to the following projects per the latest estimates from the DOT&PF: College Road Bus Pullouts, Cowles Street, Gillam Way, McGrath Road, Birch Hill, FMATS Improvement Program, FMATS Sidewalk Improvement Program and Yankovich Road. The 5307 funding to the FNSB has also been increased per a notification from the Federal Transit Administration. Transportation Alternative Program (TAP) funding was also added to the FMATS Improvement Program in FFY18 for informational purposes only.

The 2017 – 2020 TIP was reviewed at the September 2, 2017 Technical Committee meeting and approved by the Policy Board on September 20, 2017. The TIP continues to be fiscally constrained. A conformity determination is not required for Administrative Modifications.

This TIP was 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 USC 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 the Fairbanks Metropolitan Area Transportation System expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

**FMATS 2017 - 2020 FMATS TRANSPORTATION IMPROVEMENT PROGRAM  
ADMINISTRATIVE MODIFICATION #2**

**APPROVED**

**09.20.17**

**ACRONYMS AND DEFINITIONS**

***General Definitions***

*AC* – Advance Construction

*ACC* – Advance Construction Conversion

*BANK* - Banking

*AMATS* – Anchorage Metropolitan Area Transportation Solutions

*CMs* – Contingency Measures

*CTP* – Community Transportation Program, FMATS’ name for the Surface Transportation Block Grant Program

*EPA* – Environmental Protection Agency

*FHWA* – Federal Highway Administration

*FAST Act* – Fixing America’s Surface Transportation Act

*FMATS* – Fairbanks Metropolitan Area Transportation System

*FTA* – Federal Transit Administration

*MAP-21*- Moving Ahead for Progress in the 21<sup>st</sup> 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* – 2015 - 2018 Transportation Improvement Program

***SURFACE TRANSPORTATION FUNDING SOURCES***

**381** – Funds made available in FY07 under SB381. When used as matching funds to federal funds, the code M381 is used. CH82/06/120/18, AR60685

**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.

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ADMINISTRATIVE MODIFICATION #2**

**APPROVED**

**09.20.17**

**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.

**AC-3PF** – Advance Construction match using Third Party Funds.

**AC-SM** – Advance Construction match using State Match.

**AC-M46** – Advance Construction match using M46 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.

**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.

**CTP** – 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. This funding code includes the federal share only.

**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.

**DOD** – Funds available through the Department of Defense.

**GF** – General fund appropriation available for use on any project.

**GO Bonds** – Funds generated by the sale of bonds by the state.

**GO-P** – Funds generated by the sale of bonds by the state for the Plack Road Bike/Pedestrian Facility Project.

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**FMATS 2017 - 2020 FMATS TRANSPORTATION IMPROVEMENT PROGRAM**  
**ADMINISTRATIVE MODIFICATION #2**  
**APPROVED**  
**09.20.17**

**GO-W** – Funds generated by the sale of bonds by the state for the Wendell Avenue Bridge project.

**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.

**ILLU-SM** – Indicates projects that are illustrative and have a state match.

**ILLU-3PF** - Indicates projects that are illustrative and match is paid by third party funds.

**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%.

**NP** – Funds made available to the FMATS Coordinator’s office from the City of North Pole.

**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%.

**SB46** – A FY12 state fund appropriation of \$5 million available to any project in the FMATS TIP. When used as matching funds to federal funds, the code M46 is used. CH5/11/100/8, AR65818.

**SB160** – A FY13 state fund appropriation of \$7.5 million available to any project in the FMATS TIP. When used as matching funds to federal funds, the code M160 is used. CH17/12/132/25, AR58609.

**SB230** – A FY11 state fund appropriation of \$5 million available to any project in the FMATS TIP. When used as matching funds to federal funds, the code M230 is used. CH43/10/36/24, AR65439

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**FMATS 2017 - 2020 FMATS TRANSPORTATION IMPROVEMENT PROGRAM  
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**APPROVED**

**09.20.17**

**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.

**UAF** – Funds available through the University of Alaska.

**URPL (Metropolitan Planning)** – In Alaska, these funds can be used in any urban area within the state. Planning processes and special planning studies are eligible activities within this program. The federal funds ratio is 90.97%.

**Y381** – Specific appropriation for the Yankovich/Miller Hill Multi-Use Path.

**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 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.

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**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:*

*Donna Gardino  
Fairbanks Metropolitan Area Transportation System  
Executive Director  
800 Cushman Street  
Fairbanks, AK 99701-4615  
PHONE: 907.459.6786  
EMAIL: [donna.gardino@fmats.us](mailto:donna.gardino@fmats.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 the Fairbanks Metropolitan Area Transportation System expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

# 2017 – 2020 Transportation Improvement Program

## Administrative Modification #2

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<b>CTP Funding Table</b>												
<b>30011</b>		<b>43.58</b>	<b>Barnette Street Reconstruction</b>	CTP			2			1,364.6		
			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.	3PF			2			67.7		
				SM			2			67.7		
				LLU			0					16,550.0
			<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>1,500.0</b>	<b>0.0</b>	<b>16,550.0</b>
<b>30099</b>	<b>NFHwy00290</b>	<b>58.59</b>	<b>College Road Bus Pullouts</b>	CTP			2	131.0	87.3			
			Install bus stop facilities at high-use locations along College Road in coordination with the MACS Transit System. Work includes utilities, pavement and drainage work as needed to construct the pullouts.	SM			2	13.0	8.7			
				CMAQ			3			227.4		
			<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>	SM			3			22.6		
				CMAQ			7			181.9		
				SM			7			18.1		
				CTP			4					600.4
				SM			4					59.6
			<b>Project Total</b>					<b>144.0</b>	<b>96.0</b>	<b>450.0</b>	<b>0.0</b>	<b>660.0</b>
<b>30012</b>	<b>NFHwy00126</b>	<b>60.34</b>	<b>Cowles Street Reconstruction: Fairbanks</b>	CTP			2		285.1			
			Reconstruct Cowles Street from 1st Avenue to through East Cowles to include sidewalk, drainage, intersection and illumination improvements. 50% local match / 50% state match	SM			2		14.1			
			<i>City of Fairbanks</i>	3PF			2		14.1			
				CTP			3		66.8			
				SM			3		3.3			
			<i>City of Fairbanks</i>	3PF			3		3.3			
				CTP			7					190.4
				SM			7					9.5
				3PF			7					9.5
				CTP			4					5,126.1
			<i>Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	CMAQ			4					727.8
				3PF			4					254.4
				SM			4					326.7
			<b>Project Total</b>					<b>0.0</b>	<b>386.7</b>	<b>0.0</b>	<b>6,644.4</b>	<b>0.0</b>

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3847-1	Z622070000	99	<b>Fairbanks Cushman Street Bridge Rehabilitation or Replacement</b>	CTP			7		9.1				
			Repair or replace the Cushman Street Bridge. The bridge and adjoining roadway should be consistent with the Complete Street concept south of the Chena River and the parent Illinois Street project to the north.	SM			7		0.9				
				AC			4					4,821.4	
				ACC			4						-4,821.4
				CTP			4						4,821.4
				AC-SM			4						478.6
<b>Project Total</b>								<b>0.0</b>	<b>10.0</b>	<b>0.0</b>	<b>5,300.0</b>	<b>0.0</b>	
22255			<b>Fairbanks Rail Realignment</b>	ILLU			0					83,447.2	
			The Alaska Railroad Corporation (ARRC) proposes to optimize the alignment of mainline and branch track within the Fairbanks Area to improve safety, customer response, and minimize transportation conflicts with the adjacent communities. A Memorandum of Understanding between the Fairbanks North Star Borough and ARRC is the guiding policy for implementing this project.										
<b>Project Total</b>								<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>83,447.2</b>	
21934	NFHWY00134	99	<b>FMATS Advanced Project Definition</b>	PL			8	11.0					
			Provide funding to the State and City to develop new estimates for TIP projects.	M160			8	11.0					
				CTP			8	100.0					
<b>Project Total</b>								<b>122.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
22765	Z616760000	99	<b>FMATS Coordinators Office</b>	CTP			8	102.3	102.3	102.3	102.3		
			Funding for the Fairbanks Metropolitan Area Transportation System (FMATS) Coordinator's office which supports delivery of the FMATS program.	PL			8	252.5	252.5	252.5	252.5		
				M46			8	35.2	35.2	35.2	35.2		
				SB160			8			97.0	97.0		
				<i>City of North Pole monetary contribution</i>	CONP		8	7.5	7.5	7.5	7.5		
<b>Project Total</b>								<b>397.5</b>	<b>397.5</b>	<b>494.5</b>	<b>494.5</b>	<b>0.0</b>	
6448			<b>FMATS Green Streets Plan</b>	PL			8		30.0				
			FMATS will identify and prioritize which streets within the urbanized area are in greatest need of green infrastructure for the management of storm water runoff, including specific design recommendations for each of those streets. Research of best management practices in a sub-arctic environment will also be included in the report.	M160			8		3.0				
			<b>Project Total</b>							<b>0.0</b>	<b>33.0</b>	<b>0.0</b>	<b>0.0</b>
30629	Z901350000	REQ	<b>FMATS Metropolitan Transportation Plan</b>	PL			8	34.4					
			Update the FMATS Metropolitan Transportation Plan, as required under 23 USC 134 considering the FAST Act's new planning factors and performance measures and targets.	SM			8	1.7					
				M160			8	1.7					
<b>Project Total</b>								<b>37.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>		

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30093	NFHWY00246	31.41	<b>FMATS Sign Replacement - Stage III</b>	CTP			2	118.3		200.1		
			Replace signs in accordance with each entity's established sign management plans to meet the requirements of the MUTCD.	3PF			2	11.7		19.9		
				AC			3			4.5		
				ACC			3					-4.5
				CTP			3					4.5
				AC-3PF			3				0.5	
				AC-3PF			7				0.5	
				AC			7				4.5	
				ACC			7					-4.5
				CTP			7					4.5
				AC			4					1,819.4
				AC-3PF			4					180.6
				ACC			4					
	CTP			4						1,819.4		
			<b>Project Total</b>					<b>130.0</b>	<b>0.0</b>	<b>230.0</b>	<b>2,000.0</b>	<b>0.0</b>
16104	Z637840000	56.1	<b>Gillam Way Reconstruction</b>	Offset			2	225.0				
			Reconstruct Gillam Way between Airport Way to 22nd Avenue including pedestrian and drainage improvements, utilities and traffic calming. <b>50% local match / 50% state match</b>	SM			2					
			<i>City of Fairbanks</i>	3PF			2					
				CTP			3			166.5		
				SM			3			8.3		
			<i>City of Fairbanks</i>	3PF			3			8.2		
				CTP			7			55.5		
				SM			7			2.8		
			<i>City of Fairbanks</i>	3PF			7			2.7		
				AC			4			4,048.2		
				CTP			4				3,734.3	
				ACC			4				-4,048.2	
				<i>Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	CMAQ						313.9	
		AC-SM						216.5				
	<i>City of Fairbanks</i>	AC-3PF						185.3				
		<b>Project Total</b>					<b>225.0</b>	<b>4,694.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
30029		41.45	<b>Lacey Street Reconstruction: Fairbanks</b>	ILLU			0					16,474.0
			Reconstruct Lacey Street from 1st Avenue to 12th Avenue. Reconstruction includes drainage improvements, intersection and sidewalk upgrades, utility relocation, signing, striping and landscaping.									
			<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>16,474.0</b>



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30105		40.87	<b>Lathrop Street Extension</b>	CTP			2	289.3		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			2	28.7		12.2		
				ILLU			7			800.0		
				3PF			7					
				ILLU			7					727.8
				ILLU			4				514.0	
			<b>Project Total</b>					<b>318.0</b>	<b>0.0</b>	<b>935.0</b>	<b>0.0</b>	<b>1,241.8</b>
6587	Z628380000	49.6	<b>McGrath Rd Upgrade: FNSB</b>	CTP			2					
			Upgrade McGrath Road between Farmers Loop and the Old Steese Highway. Improve the existing separated path as needed.	SM			2					
				CTP			3	144.3				
				SM			3	14.3				
				CTP			7		527.6			
				SM			7		52.4			
				CTP			4				5,094.3	
				ACC			4				-5,094.3	
			<i>Bicycle and pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	AC			4			5,094.3		
				AC-SM			4			505.7		
			<b>Project Total</b>					<b>158.6</b>	<b>580.0</b>	<b>0.0</b>	<b>5,600.0</b>	<b>0.0</b>
31389	NFHWY00274	55.3	<b>Minnie Street Upgrade</b>	CTP			9	545.8				
			Conduct a PEL study to ultimately define the scope and design elements of the project, including a right of way survey. Rehabilitate Minnie Street from Erceg Street to the Old Steese Highway in accordance with the results of the study and approval of the Policy Board. Improvements may involve improving intersection geometries, upgrading sidewalks to meet ADA standards, storm drain system, utility relocations and rehabilitation or replacement of the Noyes Slough Bridge. <i>50% local match / 50% state match</i>	SM			9	27.1				
				3PF			9	27.1				
				Offset			9	180.5				
				CTP			2			887.0		
				SM			2			44.0		
				3PF			2			44.0		
			<i>City of Fairbanks</i>	ILLU			All				12,849.0	
			<b>Project Total</b>					<b>780.5</b>	<b>0.0</b>	<b>975.0</b>	<b>0.0</b>	<b>12,849.0</b>
30106	NFHWY00269	37.25	<b>North Pole Streetlight Standardization</b>	CTP			2	112.8	163.7			
			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.	3PF			2	11.2	16.3			
				CTP			3			91.0		
				3PF			3			9.0		
				CTP			7				91.0	
				3PF			7				9.0	
				ILLU			4				1,286.0	
			<b>Project Total</b>					<b>124.0</b>	<b>180.0</b>	<b>100.0</b>	<b>100.0</b>	<b>1,286.0</b>

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30100	NFHWY00158	47.71	<b>Old Richardson Highway Intersection Improvements</b>	Bank			2	400.3				
			Analyze, design, and construct intersection and safety improvements with emphasis on safety for all users, road function, and quality of life. The intersections to be considered are Santa Claus Lane and E 5th Avenue and NPHS Boulevard at Old Richardson Highway and 8th Avenue however, the analysis and solution may be more far-reaching. The railroad crossing will also be brought to current standards under this project.	CTP			2		300.2			
				SM			2	39.7	29.8			
				CTP			3		227.4			
				SM			3		22.5			
				CTP			7					91.0
				SM			7					9.0
				ILLU			4					
			<b>Project Total</b>					<b>440.0</b>	<b>579.9</b>	<b>0.0</b>	<b>100.0</b>	<b>3,000.0</b>
22095		21.99	<b>Peridot Street Reconstruction</b>	ILLU			0					2,750.0
			Reconstruct Peridot Street from the Richardson Highway to City limits, approximately 0.21 miles, and pave. Provide street lights and bike/pedestrian facilities as funding allows.	---								
			<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2,750.0</b>
26087	NFHWY00014	43.5	<b>Tanana Loop and South Chandalar Drive Intersections</b>	CTP			2	257.4				
			Reconstruct the intersections of Tanana Loop/Alumni Drive/South Chandalar Drive; and Salcha Street/South Chandalar Drive including the portions of South Chandalar Drive between the intersections and up to Ambler Lane. Project will also include reconstructing the pedestrian facilities and construction of new pedestrian facilities on Alumni Drive, Tanana Loop, Salcha Street and South Chandalar Drive.	SM			2					
				M46			2	25.6				
				AC			4					2,428.0
				ACC			4					-2,428.0
				CTP			4					2,428.0
				AC-M46			4					241.0
			<b>Project Total</b>					<b>283.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2,669.0</b>	<b>0.0</b>
30098		37.55	<b>Wickersham Street Upgrades - Stage II</b>	ILLU			0					10,260.0
			Upgrade Wickersham Street from 4 <sup>th</sup> to 6 <sup>th</sup> Avenue, Perry Street from 6 <sup>th</sup> to 8 <sup>th</sup> Avenue, and 4 <sup>th</sup> , 5 <sup>th</sup> , 6 <sup>th</sup> , 7 <sup>th</sup> , 8 <sup>th</sup> , and 9 <sup>th</sup> Avenue from Cowles to Barnette Street. Improve drainage, replace existing sidewalks, install new sidewalks where needed, and repave the roads. Utility upgrades may also be coordinated with this project.									
			<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>10,260.0</b>

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9939-2	NFHWHY00139	61.3	<b>Yankovich/Miller Hill Road Reconstruction and Multi-Use Path</b>	CTP			2		354.8			
			Reconstruct Miller Hill Road and Yankovich Road from Sheep Creek to Ballaine Road. Construct a side path from LARS to Ballaine Road and tie into the existing side path on Farmers Loop.	SM			2		35.2			
				CTP			3			491.2		
				SM			3			48.8		
				CTP			7		773.2			
				SM			7		76.8			
				SM			4					
				ACC			4					-4,159.1
				AC-SM			4				412.9	
				CTP			4					4,159.1
				AC			4				4,159.1	
			<b>Project Total</b>					<b>0.0</b>	<b>1,240.0</b>	<b>540.0</b>	<b>4,572.0</b>	<b>0.0</b>

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<b>Non-Motorized Project Table</b>													
30095	NFHWHY00268	26.66	<b>Airport Way Functional Features Analysis</b>	CTP			8	272.9					
			Provide a general toolkit for DOT&PF-engineers that provides functional and aesthetic options for necessary roadway features for Airport Way. Analyze need for access control features in the corridor and evaluate the feasibility of complete street and green street elements that give consideration to right-of-way and operational constraints.	M46			8	27.1					
<b>Project Total</b>								<b>300.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
3874	Z637680000	37.8	<b>Birch Hill Bicycle and Pedestrian Facility: FNSB</b>	CTP			2	32.5					
				SM			2	3.2					
			Construct a bike/pedestrian facility along Birch Hill Road to allow safe access to the Birch Hill Recreational Trail System.	CTP			7	236.5					
				SM			7	23.5					
				Bank			4	1,809.2					
				SM			4	180.6					
<b>Project Total</b>								<b>2,285.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
26078	Z64062000	49.4	<b>Chena River Walk Stage III</b>	CTP			2	155.1					
			Expand the Chena River Walk to the north side of the Chena River with approximately 2,200 linear feet of pathway from Peger Road to the existing Chena River pedestrian bridge crossing. Construct sidewalk along Peger Road from the Chena River bridge No. 1191 to Phillips Field Road intersection to connect the Chena River Walk to existing pedestrian facilities or consider a path connection under the bridge.	3PF			2	15.4					
				CMAQ			2		142.8				
				SM			2		14.2				
				CMAQ			3			2.3			
				SM			3			0.2			
				CMAQ			7			2.3			
				SM			7			0.2			
					AC			4				1,410.0	
					ACC			4					-1,410.0
				<i>Bicycle and pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	CTP			4					1,410.0
				AC-3PF			4				140.0		
<b>Project Total</b>								<b>170.5</b>	<b>157.0</b>	<b>5.0</b>	<b>1,550.0</b>	<b>0.0</b>	
26568	Z616610000		<b>FMATS Pedestrian Improvements - Stage I</b>	CMAQ			2						
			Construct new facilities to improve connectivity within the FMATS boundary on Wilbur Street, Davis Road Peger Road and Lathrop Street with possible mid-block crossing.	SM			2						
				CTP			4	76.9					
				SM			4	7.6					
<b>Project Total</b>								<b>84.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
20816	Z632930000	42.9	<b>Gold Hill Road Bicycle and Pedestrian Facility: FNSB</b>	CTP			2						
			Widen the shoulders on Gold Hill Road to accommodate bicycles and pedestrians. Improvements will also include resurfacing the roadway, approach work, signing and striping.	SM			2						
				CTP			4	312.1					
				SM			4	31.0					
<b>Project Total</b>								<b>343.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	

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29969	NFHWHY00137	35.03	Wembley Avenue Improvements: Aurora Drive to Danby Street	CMAQ			2	32.3				
				BANK			2	32.3	36.4			
			Reconstruct Wembley Avenue from Aurora Drive to Danby Street and construct a pedestrian facility. <i>CTP funds: 50% local match / 50% state match - CMAQ funds: 100% state match</i>	SM			2	6.4	3.6			
				CMAQ			4		329.7			
				CTP			4		329.8			
			<i>Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	SM			4		65.5			
			<b>Project Total</b>					<b>71.0</b>	<b>765.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

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<b>Transit Table</b>												
30251		38.24	<b>Paratransit Vehicles</b>	ILLU			0					
			Purchase nine paratransit vans to replace vans that are currently 5 to 13 years old. The useful life of a paratransit van is 5 years.									
			<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
30250		36.46	<b>Transit Buses</b>	CTP			4	978.3				
			Purchase transit buses to replace buses purchased in 2007 that will reach their useful life in 2017. These buses are 29 foot Gillig buses that have a useful life of 10 years.	CMAQ			4	695.5				
				SM			4	69.0				
			<i>New transit vehicles to replace existing vehicles are eligible under CMAQ.</i>	3PF			4	97.1				
			<b>Project Total</b>					<b>1,839.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

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NID	IRIS	Score	Project Description	Fund Code	Perf. Meas.	AQ	Phase	FFY17	FFY18	FFY19	FFY20	Beyond	
<b>FMATS Programs Table</b>													
29673	NFHWHY00006	na	<b>FMATS Improvement Program</b>	CTP			2	272.9					
19096			Pavement surface maintenance, traffic control signal upgrades, street light load center rehab, storm drain maintenance, reclaim/double chip, seal coat, crack sealing, roadway striping, sidewalks, dust control, signage replacement and intersection upgrades. (SOA pays design match and local governments pay construction match, per agreement.)	SM			2	27.1					
				BANK			4		1,029.9				
				TAP			4		654.3				
				ILLU			4			2,078.3			
				AC			4					2,274.3	
				AC-3PF			4					225.7	
				ACC			4						-2,274.3
				TAP funding through NID 30689	CTP			4	1,803.3	3,577.7		971.2	2,274.3
			(COF, CONP, UAF, SM and FNSB and others)	3PF			4	179.0	457.3		96.4		
			<b>Project Total</b>					<b>2,282.3</b>	<b>5,719.2</b>	<b>2,078.3</b>	<b>3,567.6</b>	<b>0.0</b>	
30229	NFHWHY00271	na	<b>FMATS Intersection Improvement Program</b>	CTP			2	109.2	60.0				
			Intersection enhancements related to capacity, safety, and/or multimodal accessibility within the FMATS boundary.	SM			2	10.8	6.0				
				CTP			7			2.5			
				SM			7			0.2			
				CTP			4			322.0			
				3PF			4			32.0			
			<b>Project Total</b>					<b>120.0</b>	<b>66.0</b>	<b>356.7</b>	<b>0.0</b>	<b>0.0</b>	
30231		na	<b>FMATS Safety and Efficiency Program</b>	ILLU			0					1,500.0	
			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.										
			<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,500.0</b>	
30096	NFHWHY00138	na	<b>FMATS Sidewalk Improvement Program</b>	CTP			2	213.8					
			This is an annual project. Fund projects that will improve connectivity, safety, mobility and access for pedestrians throughout the MPA.	SM			2	16.2					
				CMAQ			2		255.3				
				SM			2		25.3				
				ACC			2						
			Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.	CTP			2						
				Offset			2	205.0					
				3PF			3						
				CTP			3		68.2				
				SM			3		6.8				
				CTP			7		189.2				
				ILLU			7			130.0			
				SM			7		18.8				
				AC			4				1,819.4		
				AC-3PF			4				180.6		
				ACC			4					-1,819.4	
				CTP			4					1,819.4	
			<b>Project Total</b>					<b>435.0</b>	<b>563.6</b>	<b>130.0</b>	<b>2,000.0</b>	<b>0.0</b>	



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<b>General Fund (GF) Project Table</b>												
31032	NSHWY00266	na	<b>FMATS Transition Plan</b>	SB46			All	60.0				
			Develop and implement a transition plan to ensure the sustainability of FMATS as an MPO in good standing by analyzing its hosting structure and recommending a structure to see FMATS continue to thrive in the future. In addition, provide for transitional services in the event of employee turnover which may include wages for personnel.									
			<b>Project Total</b>					<b>60.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

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NID	IRIS	Score	Project Description	Fund Code	Perf. Meas.	AQ	Phase	FFY17	FFY18	FFY19	FFY20	Beyond
<b>Funding (Revenue) Summary</b>												
			FMATS CTP ALLOCATION (Federal)	CTP				7,344.4	7,344.4	7,344.4	7,344.4	
			(Federal)	CMAQ				727.8	727.8	727.8	727.8	
			Planning funds	PL				297.9	282.5	252.5	252.5	
				BANK				2,683.6	1,066.3			
								<i>Federal Subtotal</i>	11,053.7	9,421.0	8,324.7	8,324.7
			<i>This shows the overall match required for the federal funds above.</i>									
			FMATS CTP ALLOCATION (state & 3PF match)	Match				729.0	729.0	729.0	729.0	
			Match needed for all CMAQ funds	CMAQ-M				72.2	72.2	72.2	72.2	
			Match needed for all Planning funds	PL-M				29.6	28.0	25.1	25.1	
			Match needed for all Banking funds	BANK-M				266.4	105.8			
								<i>Match Subtotal</i>	1,097.2	935.0	826.3	826.3
								<b>Funding (Revenue) Total</b>	12,150.9	10,356.0	9,151.0	9,151.0
<b>Projected Obligations Summary</b>												
			<b>Fund Code Description</b>	<b>Fund Code</b>				<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	
<b>Federal Summary</b>												
			FMATS CTP Allocation (federal)	CTP				6,264.7	7,344.4	7,317.8	6,581.0	
			Congestion Mitigation/Air Quality	CMAQ				727.8	727.8	727.8	727.8	
			Planning Funds	PL				297.9	282.5	252.5	252.5	
			(federal)	BANK				2,241.8	1,066.3	0.0	0.0	
								<i>Federal Subtotal</i>	9,532.2	9,421.0	8,298.1	7,561.3
<b>Federal Match Summary</b>												
			State Match	SM				471.2	395.0	201.8	345.2	
			Match contributions from local governments	3PF				370.2	501.9	184.8	369.3	
			SB160 LOCAL MATCH	M160				12.7	3.0	0.0	0.0	
			SB46 LOCAL MATCH	M46				87.9	35.2	35.2	35.2	
								<i>Match Subtotal</i>	942.0	935.1	421.8	749.7
								<i>Federal and Match Total</i>	10,474.2	10,356.1	8,719.9	8,311.0
<b>Other Summary</b>												
			Transportation Alternative Program	TAP				0.0	654.3	0.0	0.0	
								<i>TOTAL</i>	0.0	654.3	0.0	0.0
<b>AC/ACC Summary</b>												
			Advanced Construction	AC				0.0	4,048.2	9.0	23,825.9	
			Advance Construction Conversion/Payback	ACC				0.0	0.0	-4,048.2	-9.0	
								<i>TOTAL</i>	0.0	4,048.2	-4,039.2	23,816.9
<b>AC Match Summary</b>												
			Match needed for Advance Construction	AC-3PF				0.0	185.3	1.0	726.9	
			Match needed for Advance Construction	AC-SM				0.0	216.5	0.0	1,397.2	
			Match needed for Advance Construction	AC-M46				0.0	0.0	0.0	241.0	
								<i>TOTAL</i>	0.0	401.8	1.0	2,365.1
								<i>AC and Match Total</i>	0.0	4,450.0	10.0	26,191.0
<b>Illustrative Summary</b>												
			Illustrative - Fund Place Holder	ILLU				0.0	0.0	3,008.3	0.0	
								<i>TOTAL</i>	0.0	0.0	3,008.3	0.0
<b>General Fund Summary</b>												
			FFY12 GF Appropriation (\$5,000.0)	SB46				60.0	0.0	0.0	0.0	
			FFY13 GF Appropriation (\$7,500.0)	SB160				0.0	0.0	97.0	97.0	
			City of North Pole Contribution	CONP				7.5	7.5	7.5	7.5	
								<i>TOTAL</i>	67.5	7.5	104.5	104.5
								<b>GRAND TOTAL</b>	10,541.7	15,467.9	4,786.2	34,597.5

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<b>FTA Projects within FMATS Boundary</b>								
Fund Type	Program	Need ID	Project Description	Fund Code	FFY17	FFY18	FFY19	FFY20
5307	UZA	20997	<b>Urbanized Area Formula Grant - FNSB</b>	FTA	750.0	1,155.1	1,155.1	1,155.1
			Transit operating assistance.	Match	750.0	1,151.1	1,151.1	1,151.1
			<b>Project Total</b>		<b>1500.0</b>	<b>2306.2</b>	<b>2306.2</b>	<b>2306.2</b>
5307	UZA		<b>Urbanized Area Formula Rail Tier - ARRC</b>					
			Associated transit improvements.	FTA	18.1	18.1	0.0	0.0
				Match	1.9	1.9	0.0	0.0
			<b>Project Total</b>		<b>20.0</b>	<b>20.0</b>	<b>0.0</b>	<b>0.0</b>
5307	UZA		<b>Urbanized Area Formula - ARRC</b>	FTA	211.0	200.0	200.0	200.0
			Track rehabilitation	Match	53.0	50.0	50.0	50.0
			<b>Project Total</b>		<b>264.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>
5311	UZA		<b>Rural Transit - FNSB</b>	ILLU	200.0	200.0	200.0	200.0
			Operational funding for the grey line	Match	50.0	50.0	50.0	50.0
			<b>Project Total</b>		<b>250.0</b>	<b>250.0</b>		
5337	UZA		<b>State of Good Repair - ARRC</b>	FTA	138.8	121	150	150
			Preventive Maintenance	Match	13.7	24.0	38	38.0
			<b>Project Total</b>		<b>152.5</b>	<b>145.0</b>	<b>188.0</b>	<b>188.0</b>
5337	UZA		<b>Track Rehabilitation - ARRC</b>	FTA	100.0	100.0	100.0	100.0
			Track rehabilitation	Match	25.0	25.0	25.0	25.0
			<b>Project Total</b>		<b>125.0</b>	<b>125.0</b>	<b>125.0</b>	<b>125.0</b>
5307	UZA		<b>Transit Security - ARRC</b>	FTA	18.1	18.1	125.0	125.0
			Support for transportation infrastructure security activities to strengthen the nation's critical infrastructure against risks associated with potential terrorist attacks	Match	1.9	1.9	32.0	32.0
			<b>Project Total</b>		<b>20.0</b>	<b>20.0</b>	<b>157.0</b>	<b>157.0</b>
5310	UZA		<b>Enhanced Mobility for Seniors and Individuals with Disabilities</b>	FTA	60.0	60.0	60.0	60.0
			Funding for Van Iran service.	FNSB	60.0	60.0	60.00	60.0
					120.0	120.0	120.0	120.0
			<b>Project Total</b>		<b>240.0</b>	<b>240.0</b>	<b>240.0</b>	<b>240.0</b>
5339	UZA		<b>Transit Maintenance Facility Expansion</b>	ILLU	10,000.0			
			Renovation and expansion of the transit maintenance facility.	FTA	12,800.0			
				FNSB	3,200.0			
			<b>Project Total</b>		<b>26,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>
5339	UZA		<b>Bus and Bus Facility Allocations - FNSB</b>	FTA	80.5	80.5	80.5	80.5
			FFY09 Section 5309 E2009-BUSP-003	FNSB	20.1	20.1	20.1	20.1
			<b>Project Total</b>		<b>100.6</b>	<b>100.6</b>	<b>100.6</b>	<b>100.6</b>
<b>Illustrative FTA Projects within the FMATS Boundary</b>								
Fund Type	Program	Need ID	Project Description	Fund Code	FFY17	FFY18	FFY19	FFY20
5339(b)	UZA		<b>Buses and Bus Facility Competitive Grant</b>	ILLU	2,000.0			
				FNSB				
			<b>Project Total</b>		<b>2000.0</b>			

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<b>NHS Projects Within FMATS Boundary</b>										
Need ID	IRIS	Highway	Location	Project Description / Funding Source	Phase	Fund Code	FFY17	FFY18	FFY19	After2019
3843	Z640780000	Airport Way	Fairbanks	<b>Airport Way / Cushman Street Intersection Reconstruction</b>						
				Reconstruct the intersection at Airport Way and Cushman Street.						
				<b>Project Total</b>			0.0	0.0	0.0	10,036.4
29881		Airport Way	Fairbanks	<b>Airport Way Drainage</b>						
				Improve roadway drainage by replacing drainage structures, reconfiguring roadway geometry and frontage road separation, grading and adjusting utilities. This project will also address ADA compliance and associated drainage needs.						
				<b>Project Total</b>			0.0	0.0	0.0	10,300.0
15685	Z618720000	Airport Way	Fairbanks	<b>Airport Way (West) Improvements</b>						
				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.						
				<b>Project Total</b>			0.0	0.0	0.0	8,300.0
24518		Elliot		<b>Elliot Highway MP 0-12 Rehabilitation (Fox to Haystack)</b>	7	NHPP	454.9			
				Rehabilitation, restoration and resurfacing. Also includes shoulder widening in selected areas.	7	SM	45.1			
					4	AC			27,896.9	
					4	SM			2,769.1	
				<b>Project Total</b>			500.0	0.0	30,666.0	27,896.9
25598	Z615970000	Richardson	Fairbanks	<b>Richardson Highway MP 357 - 362 Bicycle/Pedestrian Path</b>	4	AC		3,488.7		
				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.	4	ACC			-3,488.7	
					4	SM		346.3		
					4	STP			3,488.7	
					7	STP			93.4	
					7	ACC			-93.4	
				<b>Project Total</b>			0.0	3,835.0	0.0	0.0
2130	Z661480000	Richardson	Fairbanks	<b>Richardson Highway MP 353 - 357 Access/Safety Improvements</b>						
				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.						
				<b>Project Total</b>			0.0	0.0	0.0	21482.0
28069		Richardson		<b>Richardson Highway MP 359 Railroad Grade Separated Facility</b>						
				Construct grade-separated crossing at MP 359 of the Richardson Highway to reduce railroad/vehicle conflicts; improve connectivity with the Old Richardson Highway; and provide Fort Wainwright south gate access.						
				<b>Project Total</b>						44428.0
22441	Z625410000	Steese	Fairbanks	<b>Steese Highway and 3rd Street Widening</b>	3	NHPP	4,821.4			
				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.	3	SM	478.6			
				<b>Project Total</b>			5,300.0	0.0	0.0	15,300.0

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<b>NHS Projects within the FMATS Boundary</b>										
Need ID	IRIS	Highway	Location	Project Description	Phase	Fund Code	FFY17	FFY18	FFY19	After2019
11899	Z614220000	Steese/ Johansen	Fairbanks	<b>Steese Highway/Johansen Expressway Area Traffic Improvements</b>	2	GO Bond				
				Construct intersection improvements, access and pedestrian improvements to relieve congestion and improve traffic safety in the vicinity of the rapidly developing commercial area in Northeast Fairbanks in the vicinity of the Steese Expressway and the Johansen Expressway. This project contributes to the State's mission by reducing injuries, fatalities, and property damage and by improving the mobility of people and goods (Proposed State Funds in GO Bond)	3	GO Bond				
					7	GO Bond				
					4	GO Bond				
<b>Project Total</b>							<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
30150				<b>Steese Highway MP 4.5 (CHSR) Off-Ramp Bypass Lane</b>	2	ACC	-129.4			
				Conduct a bypass lane and retaining wall at the Steese Highway north bound ramp to Chena Hot Springs Road	2	NHPP	129.4			
					3	NHPP		136.5		
					3	SM		13.5		
					4	NHPP		591.3		
					4	SM		58.7		
<b>Project Total</b>							<b>0.0</b>	<b>800.0</b>	<b>0.0</b>	<b>0.0</b>
29829		Steese/ Johansen	Fairbanks	<b>Steese Expressway / Johansen Expressway Interchange</b>						
				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						
<b>Project Total</b>							<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>36,074.0</b>
3821	Z632130000		Fairbanks	<b>University Avenue Widening</b>	2	NHPP	1819.4			
				associated with this parent design project: NID 29655 & 29656)	2	SM	180.6			
<b>Project Total</b>							<b>2000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
29655	Z632130000		Fairbanks	<b>University Avenue Rehabilitation: Thomas Street to Chena River (Segment I)</b>	4	AC		27,809.2		
				Widen and reconstruct University Avenue to current standards from Thomas Street to the Chena River, including replacement of University Ave Bridge #0263. (This is associated with the parent design project, NID 3821.)	4	ACC			-13,904.60	
					4	NHPP			13,904.60	
					4	SM		2,760.4		
<b>Project Total</b>							<b>0.0</b>	<b>30569.6</b>	<b>0.0</b>	<b>13,904.6</b>
29656	Z632130000		Fairbanks	<b>University Avenue Rehabilitation: Chena River to Parks Highway (Segment II)</b>						
				Widen and reconstruct University Avenue to current standards from the Chena River to the Parks Highway. (This is associated with the parent design project, NID 3821)						
<b>Project Total</b>							<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>22,000.0</b>

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Need ID	IRIS	Area	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	After2019
26076		Fairbanks	<b>Aurora Drive- Noyes Slough Bridge</b>	STP	2		227.4		
			Rehabilitate or replace bridge #209 on Aurora Drive in Fairbanks	SM	2		22.6		
				STP	3		227.4		
				SM	3		22.6		
				STP	7		682.3		
				SM	7		67.7		
			<b>Project Total</b>			<b>0.0</b>	<b>1,250.0</b>	<b>0.0</b>	<b>7,500,000.0</b>
19217	NFHwy00096		<b>HSIP: Badger Road Two Way Left Turn Lane</b>	HSIP	2	500.0			
			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	7		150.0		
				HSIP	4			19,130.0	
			<b>Project Total</b>			<b>500.0</b>	<b>150.0</b>	<b>19,130.0</b>	<b>0.0</b>
19217	Z772770000	Fairbanks	<b>HSIP: College Road Median Extension</b>	HSIP	4	520.0			
			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.						
			<b>Project Total</b>			<b>520.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
18923	Z607740000		<b>PM: Farmers Loop Resurfacing</b>		4	2,615.3			
			Resurface Farmers Loop Road including the separated path. Resurface University Avenue from the intersection with College Road to Thomas Street. Project will also include signs, striping, lighting, culverts, guardrail, signal modifications and permanent traffic recorder modifications.						
			<b>Project Total</b>			<b>2,615.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
26080			<b>Gold Mine Trail Road Upgrade</b>	3PF	2	21.9			
			Upgrade and pave approximately 4,750 feet of Gold Mine Trail and replace guardrail. Realign two 90 degree turns as it approached the Steese Highway with possible realignment of the intersection with the Steese.	STP	2	445.3			
				ACC	2	-225.2			
				3PF	7	9.0			
				STP	7	91.0			
				3PF	4		234.8		
				AC	4		2,365.2		
			<b>Project Total</b>			<b>342.0</b>	<b>2,600.0</b>	<b>0.0</b>	<b>2,747.3</b>
19217-2	Z634790000	Fairbanks	<b>HSIP: Fairbanks Danby-Wembley Roundabout</b>	HSIP	2	400.0			
			Construct a single lane roundabout at the intersection of Danby Street and Wembley Avenue.	HSIP	3	100.0			
				HSIP	4	4,000.0			
			<b>Project Total</b>			<b>4,500.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

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Need ID	IRIS	Area	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	After2019
15 of 18									
19217-4	Z634670000		<b>HSIP: Steese Hwy/Chena Hot Springs Rd Ramp Termini Roundabouts</b>	HSIP	2	300.0			
			Construct roundabouts at the interchange ramp termini for the Steese Highway at Chena Hot Springs Road.	HSIP	7	60.0			
				HSIP	4		2,379.0		
<b>Project Total</b>						<b>360.0</b>	<b>2,379.0</b>	<b>0.0</b>	<b>0.0</b>
26082	Z624870000	Fairbanks	<b>Old Steese Highway Reconstruction - GO Bond</b>		2		2,350.0		
			Reconstruct the Old Steese Highway from Wendell Avenue Bridge to, and including, the intersenction at the Johansen Expressway.		3		1,500.0		
					7			2,300.0	
					4			16,000.0	
<b>Project Total</b>						<b>0.0</b>	<b>3,850.0</b>	<b>18,300.0</b>	<b>0.0</b>
25596			<b>Rosie Creek Road Improvements</b>	3PF	2		42.9		
			Improve Rosie Creek Road from Chena Ridge to Becker Ridge, to include alignment, shoulder work, repair and overlay of pavement, and improving the intersection at Chena Ridge.	STP	2	545.8			
				ACC	2	-545.8	432.1		
				3PF	3		45.2		
				STP	3		454.9		
				3PF	7		9.0		
				STP	7		91.0		
				3PF	4			546.9	
				AC	4			5,509.1	
<b>Project Total</b>						<b>0.0</b>	<b>1,075.1</b>	<b>6,056.0</b>	<b>6,056.0</b>
6359	Z632910000		<b>Wendell Avenue Bridge</b>	GO Bond	2				
			Rehabilitate or replace the Wendell Street Bridge, widen sidewalks and provide pedestrian facilities along the north side under the bridge.	GO Bond	3				
				GO Bond	7				
					4	14,000.0			
<b>Project Total</b>						<b>14,000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

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CMAQ PROJECTS									
Need ID	IRIS	Location	Project Description / Funding Source	Phase	Fund Code	FFY17	FFY18	FFY19	After2019
26161		Fairbanks	<b>Fairbanks Air Quality Planning Project</b> The goal of this project is to update the local transportation model and EPA mobile source emissions model. Fairbanks is a newly designated PM <sub>2.5</sub> non-attainment area and also a CO Maintenance area. An up to date transportation model and EPA mobile source emission model are needed for on-going transportation and air quality planning activities in the community. This project will provide funding to conduct federally mandated Air Quality Conformity Analysis for all long and short term planning documentation.	All	CMAQ	72.8	72.8	72.8	
				All	SM	7.2	7.2	72.8	
<b>Project Total</b>						<b>80.0</b>	<b>80.0</b>	<b>80.0</b>	<b>80.0</b>
29232		Fairbanks	<b>Committed Measures for the Fairbanks SIP</b> This project is to fund committed measures identified in the Fairbanks SIP that addresses the Fairbanks PM2.5 non-attainment.	All	CMAQ-M	1,728.4	1,728.4	1,728.4	
				All	SM	171.6	171.6	171.6	
<b>Project Total</b>						<b>1,900.0</b>	<b>1,900.0</b>	<b>1,900.0</b>	<b>11,400.0</b>
18791		Fairbanks	<b>Statewide Congestion and Mitigation Air Quality</b> 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.	All	CMAQ	482.1	482.1	482.1	
				All	CMAQ-M	2,729.1	2,729.1	2,729.1	
				All	SM	318.8	318.8	318.8	
<b>Project Total</b>						<b>3,530.0</b>	<b>3,530.0</b>	<b>3,530.0</b>	<b>7,060.0</b>
<i>The above projects are in the 2016 - 2019 STIP. The following projects are sub-allocations from Need ID 29232 and Need ID 18791 and are exempt from conformity analysis. They are shown here for informational purposes only.</i>									
18791-16	Z607110000	Fairbanks	<b>FNSB SIP</b> Prepare a Fairbanks PM 2.5 Non-Attainment Area Statewide Implementation Plan (SIP). This project includes inventory development, data collection, analysis, modeling, identifying control measures and components that demonstrate attainment.	8	CMAQ	430.0	430.0	430.0	
<b>Project Total</b>						<b>430.0</b>	<b>430.0</b>	<b>430.0</b>	<b>0.0</b>
18791-17	Z635830000	Fairbanks	<b>PM2.5 VMT and Classification Study</b> 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.	8	CMAQ	100.0			
<b>Project Total</b>						<b>100.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
18791-18	Z617630000	Fairbanks	<b>Nor Reg Signal Interconnect</b> 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.	8	CMAQ	3,300.0			
<b>Project Total</b>						<b>3,300.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
18791-1	Z607090000	Fairbanks	<b>FNSB Air Quality Education</b> Development and implementation of a multi-media campaign, collection of survey/behavioral data to support outreach activities, analyzing and distributing monitoring information, rental and purchase and operations and maintenance costs of signs displaying current air quality concentrations and enhanced outreach to support improved air quality.	8	CMAQ	500.0			
<b>Project Total</b>						<b>500.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
18791-Z	Z63386	Fairbanks	<b>Fairbanks Area Signal Timing Upgrades</b> Conduct a signal timing review to provide recommendations for signal coordination and to integrate signal timing improvements. Priority will be given to NHPP routes and higher functional class corridors within the Fairbanks PM2.5 non-attainment area to promote travel efficiency and reduce delays, thereby reducing PM2.5 emissions.	8	CMAQ	3,530.0	3,530.0	3,530.0	
				All	CMAQ				
<b>Project Total</b>						<b>3,530.0</b>	<b>3,530.0</b>	<b>3,530.0</b>	<b>0.0</b>

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<b>CMAQ PROJECTS</b>									
Need ID	IRIS	Location	Project Description / Funding Source	Phase	Fund Code	FFY17	FFY18	FFY19	After2019
24756-10	Z604440000	Fairbanks	<b>Heavy Duty Diesel Anti-Idling Maintenance and Emission</b> Project funding to support existing anti-idling pilot at DOT&PF by assisting with Telemetric purchase and installation. To expand anti-idling to other heavy duty vehicle fleets within the FNSB non-attainment area. Implement other vehicle emission reduction techniques through inspection and retrofit upgrades.	8	CMAQ	250.0			
<b>Project Total</b>						250.0	0.0	0.0	0.0
24756	Z901410000	Fairbanks	<b>Carlson Center Motor Vehicle Plug-In</b> Installation of electrical plug-ins at the Carlson Center for preheating motor vehicle engines during cold temperatures in the Fairbanks area. This project also provides for 3 years of operations and maintenance for the plug-ins.	All	CMAQ	1,900.0	1,900.0		
<b>Project Total</b>						1,900.0	1,900.0	0.0	0.0
24756	Z90142000	Fairbanks	<b>Fairbanks and North Pole Libraries and Big Dipper Plug-Ins</b> Installation of electrical plug-ins at the Fairbanks Library, North Pole Library and the Big Dipper for preheating motor vehicle engines during cold temperatures in the Fairbanks area. This project also provides for 3 years of operations and maintenance for the plug-ins.	All	CMAQ	1,900.0	1,900.0		
<b>Project Total</b>						1,900.0	1,900.0	0.0	0.0
18791-2	Z604580000	Fairbanks	<b>Hot Spot Guidance Program</b> To provide updates of monitoring equipment on the Borough owned vehicle used for mobile sampling and analysis of PM2.5 measurements collected while driving routes in the non-attainment area. This will also include operation of this vehicle over a period of three years and the distribution of information to the public.	8	CMAQ	300.0			
<b>Project Total</b>						300.0	0.0	0.0	0.0
26161	Z605660000	Fairbanks	<b>Fairbanks Air Quality Conformity</b> Preparation of air quality conformity determinations for short and long term transportation plans and individual projects in the entire PM2.5 non-attainment area and carbon monoxide (CO) maintenance area within the Fairbanks North Star Borough, consisting of FMATS, the MPO for the Fairbanks urban area, and the associated "doughnut area" within the PM2.5 boundaries.	8	CMAQ	80.0	80.0		
<b>Project Total</b>						80.0	80.0	0.0	0.0