

# MEMORANDUM

# State of Alaska

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

**TO:** Marc Luiken  
Commissioner

**DATE:** February 26, 2018

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

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

**FROM:** Maren Brantner *MB*  
STIP Manager

**SUBJECT:** Recommend Approval of  
FMATS TIP Amendment 3

The FMATS Policy Committee approved Amendment 3 to the FMATS 2017-2020 Transportation Improvement (TIP) on January 17, 2018.

In accordance with the agreement between FMATS and Alaska DOT&PF, the Fairbanks MPO coordinator and FMATS Policy Committee has determined Amendment 3 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). FMATS received concurrence on October 24, 2017 from FHWA, EPA and DEC that a conformity determination is not required.

Your approval of Amendment 3 to the FMATS 2017-2020 TIP is recommended and required as the statutory designee for all state transportation planning matters.

Approved: *Marc Luiken* Date: 3/6/18  
Marc Luiken, Commissioner

Attachment: FMATS 2017-2020 TIP Amendment 3 with tables  
FMATS 2017-2020 TIP Amendment 3 approval request email  
Summary of Changes Table

CC: Ryan Anderson, Director, ADOT&PF Northern Region  
Margaret Carpenter, Fairbanks Planning Manager, ADOT&PF Northern Region  
Judy Chapman, Planning Chief, AKDOT&PF Northern Region  
Ned Conroy, FTA  
Sandra Garcia-Aline, FHWA  
~~Donna Gardino~~, FMATS Coordinator  
Marie Heidemann, Planning Chief, AKDOT&PF Statewide  
~~Richard F. Krochalis~~, FTA  
John Lohrey, FHWA  
Randi Motsko, FMATS Planner

*Jackson  
Fox  
3/1/18  
Linda  
Gehrke*

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

**Brantner, Maren H (DOT)**

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**From:** Motsko, Randi Lynn (DOT)  
**Sent:** Thursday, January 25, 2018 4:20 PM  
**To:** Brantner, Maren H (DOT)  
**Cc:** Crabb, Mike (DOT); Vigue, Mike A (DOT); Heidemann, Marie E (DOT); Chapman, Judy (DOT); Anderson, Ryan (DOT); Carpenter, Margaret (DOT); Jackson C. Fox  
**Subject:** FMATS 2017-2020  
**Attachments:** FMATS FFY2017-2020 TIP Amendment #3.pdf; 1.17.18 PB Action Items--signed.pdf; Summary of Changes Table.pdf; Administrative Modification #2 Comparison Table.pdf

**Importance:** Low

Maren,

On behalf of FMATS Policy Board, through Ryan Anderson, P.E., Regional Director, Northern Region, attached please find the FMATS TIP Transmittal Letter, Comparison Table, FMATS Policy Board Action Items, Summary of Changes, and the FMATS 2017-2020 TIP Amendment #3 for incorporation into the Statewide Transportation Improvement Program (STIP). The FMATS TIP was developed in conformance with 23 USC 134 and all applicable federal requirements for Metropolitan Planning Organizations. The Fairbanks Field Office reviewed the TIP for fiscal constraint and found the TIP is fiscally constrained. An interagency consultation was held on October 20, 2017 via email. FMATS received concurrence with the finding that a conformity determination is not required from FHWA, EPA and DEC on October 24, 2017.

This Amendment was primarily developed for the following reasons:

- Add FTA 5307 funding for the Alaska Railroad Corporation
- Modify scope changes and add projects to the TIP

Please let me know if you have any questions or concerns.

Thank you for your review!

**Randi Motsko**

Transportation Planner  
AK Dept. of Transportation & Public Facilities, Fairbanks Field Office  
2301 Peger Rd  
Fairbanks, Alaska 99709  
(907) 451-2386

**FMATS 2017 - 2020 TIP**  
**Amendment #3**  
**Summary of Changes**  
**January 17, 2018**

NEED ID	PROJECT	FUND CODE	PHASE	AMOUNT	
N/A	NAME AND FORMAT CHANGES				Removed Performace Measure and Air Quality Code Columns
					Changed CTP fund code to STP
					Changed AC-SM to SM
					Changed AC- 3PF to 3PF
					Changed AC-M46 to FAM (FMATS Appropriation Match)
					Changed M160 to FAM
					Changed M46 to FAM
					Changed SB46 to FAF (FMATS Appropriation Funds)
					Changed SB160 to FAF
					Changed Offset to FAF
					Spelled out Phases in associated column (2 > Design, 3 > Right-of-Way, etc.)
30011	Barnette Street Reconstruction	STP	Design		Moved \$1364.6 from FFY19 to FFY20 to make FFY19 fiscally constrained
		3PF			Moved \$67.7 from FFY19 to FFY20 to make FFY19 fiscally constrained
		SM			Moved \$67.7 from FFY19 to FFY20 to make FFY19 fiscally constrained
3874	Birch Hill Bicycle and Ped Facility	STP	Construction	\$90.2	Add funding per DOT&PF request
		SM		\$8.9	Add funding per DOT&PF request
22255	Fairbanks Rail Realignment	ILLU	All		Removed \$83447.2 Beyond Illustrative project from the TIP
N/A	Fairbanks Road/Rail Crossing Reduction/Realignment Plan	ILLU	Planning	\$500.0	Added illustrative funding in FFY18

**FMATS 2017 - 2020 TIP  
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NEED ID	PROJECT	FUND CODE	PHASE	AMOUNT	
29673	FMATS Improvement Program	STP	Design	\$136.5	Added funding per DOT&PF request
		SM		\$13.5	Added funding per DOT&PF request
19096		3PF	Construction	\$102.2	Added match amount for BANK funding
		3PF		\$163.6	Added match amount for TAP funding
		STP		(\$210.4)	Reduced funding to accommodate Birch Hill, Wembley, and Green Streets Plan
		3PF		(\$60.2)	Reduced funding to accommodate Birch Hill, Wembley, and Green Streets Plan
		STP		\$814.2	Added funding per latest construction estimate
		3PF		\$18.0	Added funding per latest construction estimate
		STP		(\$971.2)	Removed funding to make FFY20 fiscally constrained
		3PF		(\$96.4)	Removed funding to make FFY20 fiscally constrained
		ILLU		\$1,720.4	Increased FFY19 construction amount from \$2,078.3 to \$3,798.7 based on latest estimate
30096	FMATS Sidewalk Improvement Program	STP	Design	(\$4.6)	Reduced amount from \$213.8 to \$209.2 to reconcile accounting error
		SM		\$4.6	Increased amount from \$16.2 to \$20.8 to reconcile accounting error
16104	Gillam Way	Offset	Design	(\$225.0)	Removed design phase from TIP
6448	Green Streets Plan	PL	Planning	\$22.1	Add PL funding to limits of the PL distribution letter for project sta
		STP		\$23.3	Added STP funding to bring total cost of plan to \$50.0
		FAM		\$4.5	Add match for cost of plan

**FMATS 2017 - 2020 TIP**  
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NEED ID	PROJECT	FUND CODE	PHASE	AMOUNT	
30097	Minnie Street PEL	SM	Study	(\$27.1)	Removed PEL aspect of the scope
		3PF		(\$27.1)	Removed PEL aspect of the scope
		STP		(\$545.8)	Removed PEL aspect of the scope
		Offset		(\$180.5)	Removed PEL aspect of the scope
31389	Minnie Street Upgrades	ILLU	All		Removed \$12,849.0 funding in Beyond column to replace with new funding amount by phase based on latest estimate
		STP	Design		Added \$1,182.6 to Beyond column based on latest estimate
		SM			Added \$58.7 to Beyond column based on latest estimate
		3PF			Added \$58.7 to Beyond column based on latest estimate
		STP	Right-of-Way		Added \$1,364.6 to Beyond column based on latest estimate
		SM			Added \$67.7 to Beyond column based on latest estimate
		3PF			Added \$67.7 to Beyond column based on latest estimate
		STP	Utilities		Added \$909.7 to Beyond column based on latest estimate
		SM			Added \$45.2 to Beyond column based on latest estimate
		3PF			Added \$45.1 to Beyond column based on latest estimate
		STP	Construction		Added \$8,642.2 to Beyond column based on latest estimate
		SM			Added \$428.96 to Beyond column based on latest estimate
		3PF			Added \$428.96 to Beyond column based on latest estimate
17975	Noble Street Upgrade	STP	All	\$776.8	Added funding to FFY18 per anticipated increase request
		FAF		\$253.8	Added funding to FFY18 per anticipated increase request
		SM		\$102.4	Added funding to FFY18 per anticipated increase request
30100	Old Richardson Highway Intersection Improvements	STP	Design		Moved \$300.2 from FFY18 to FFY19 to accommodate FMATS Improvement Program FFY18 and Noble Street increases
		SM			Moved \$29.8 from FFY18 to FFY19 to accommodate FMATS Improvement Program FFY18 and Noble Street increases
		STP	Right-of-Way		Moved 227.4 from FFY18 to FFY20 to accommodate FMATS Improvement Program FFY18 and Noble Street increases
		SM			Moved \$22.5 from FFY18 to FFY20 to accommodate FMATS Improvement Program FFY18 and Noble Street increases

**FMATS 2017 - 2020 TIP**  
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NEED ID	PROJECT	FUND CODE	PHASE	AMOUNT	
22095	Peridot Street Reconstruction	ILLU	All		Removed \$2750.0 Beyond illustrative project from TIP
29969	Wembley Avenue Improvements	STP	Construction	\$96.9	Added funding per latest construction estimate
		SM		\$9.6	Added funding per latest construction estimate
		STP			Moved \$426.7 from FFY18 to FFY19 to accommodate FMATS Improvement Program FFY18 and Noble Street increases
30098	Wickersham Street Upgrades	ILLU	All		Removed \$10,260.0 Beyond illustrative project from TIP
99392	Yankovich/Miller Hill Road Reconstruction & Multi-use Path	STP	Utilities		Moved \$773.2 from FFY18 to FFY19 to accommodate FMATS Improvement Program FFY18 and Noble Street increases
		SM			Moved \$76.8 from FFY18 to FFY19 to accommodate FMATS Improvement Program FFY18 and Noble Street increases
		STP		(\$108.9)	Reduced funding to make FFY19 fiscally constrained
		SM		(\$10.8)	Reduced funding to make FFY19 fiscally constrained
N/A	SUMMARY PAGE				Combined AC Match Summary Table with Federal Match Summary Table
					Combined AC/ACC Summary Table with Federal Summary Table
	<b>FTA PROJECTS</b>				
	<b>5307 Grant</b>				
	Urbanized Area Formula- ARRC-- Preventative Maintenance	FTA		\$130.0	Add this project to the TIP in FFY17
		Match		\$32.5	Add this project to the TIP in FFY17

**FMATS 2017 - 2020 TIP**  
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NEED ID	PROJECT	FUND CODE	PHASE	AMOUNT	
		FTA		\$200.0	Add this project to the TIP in FFY18
		Match		\$50.0	Add this project to the TIP in FFY18
		FTA		\$200.0	Add this project to the TIP in FFY19
		Match		\$50.0	Add this project to the TIP in FFY19
		FTA		\$200.0	Add this project to the TIP in FFY20
		Match		\$50.0	Add this project to the TIP in FFY20
	Urbanized Area Formula- ARRC--Dispatch Radio Modernization	FTA		\$40.0	Add this project to the TIP in FFY18
		Match		\$10.0	Add this project to the TIP in FFY18
		FTA		\$40.0	Add this project to the TIP in FFY19
		Match		\$10.0	Add this project to the TIP in FFY19
		FTA		\$92.0	Add this project to the TIP in FFY20
		Match		\$23.0	Add this project to the TIP in FFY20
	Urbanized Area Formula- ARRC--Associated Transit Improvements	FTA		(\$18.1)	Remove funding from FFY18
		Match		(\$1.9)	Remove funding from FFY18

**FMATS 2017 - 2020 TIP**  
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NEED ID	PROJECT	FUND CODE	PHASE	AMOUNT	
	Transit Security - ARRC	FTA		\$21.9	Increase from \$18.1 to \$40.0 in FFY18
		Match		\$8.1	Increase from \$1.9 to \$8.1 in FFY18
		FTA		(\$85.0)	Decrease from \$125.0 to \$40.0 in FFY19
		Match		(\$22.0)	Decrease from \$32.0 to \$10.0 in FFY19
		FTA		(\$85.0)	Decrease from \$125.0 to \$40.0 in FFY19
		Match		(\$22.0)	Decrease from \$32.0 to \$10.0 in FFY19
	<b>5337 Grant</b>				
	State of Good Repair- ARRC--Dispatch Radio Modernization	FTA		\$40.0	Add this project to the TIP in FFY18
		Match		\$10.0	Add this project to the TIP in FFY18
		FTA		\$40.0	Add this project to the TIP in FFY19
		Match		\$10.0	Add this project to the TIP in FFY19
		FTA		\$92.0	Add this project to the TIP in FFY20
		Match		\$23.0	Add this project to the TIP in FFY20
	State of Good Repair- ARRC--Track Rehabilitation	FTA		\$100.0	Increase FFY18 funding per latest estimate
		Match		\$25.0	Increase FFY18 funding per latest estimate
		FTA		\$100.0	Increase FFY19 funding per latest estimate

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NEED ID	PROJECT	FUND CODE	PHASE	AMOUNT	
		Match		\$25.0	Increase FFY19 funding per latest estimate
		FTA		\$100.0	Increase FFY20 funding per latest estimate
		Match		\$25.0	Increase FFY20 funding per latest estimate
	State of Good Repair- ARRC--Preventative Maintenance	FTA		\$79.0	Increase FFY18 funding per latest estimate
		Match		\$26.0	Increase FFY18 funding per latest estimate
		FTA		\$50.0	Increase FFY19 funding per latest estimate
		Match		\$12.0	Increase FFY19 funding per latest estimate
		FTA		\$50.0	Increase FFY20 funding per latest estimate
		Match		\$12.0	Increase FFY20 funding per latest estimate

2017-2020 TIP Amendment #3 Table

NID	IRIS	Project Description	Fund Code	Phase	Administrative Modification #2					Proposed Amendment #3				
					FFY17	FFY18	FFY19	FFY20	Beyond	FFY17	FFY18	FFY19	FFY20	Beyond
30011		Barnette Street Reconstruction	STP	Design			1,364.6						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				67.7					67.7		
		SM				67.7					67.7			
		ILLU	All					16,550.0					16,550.0	
Project Total					0.0	0.0	1,500.0	0.0	16,550.0	0.0	0.0	0.0	1,500.0	16,550.0
3874	Z637680000	Birch Hill Bicycle and Pedestrian Facility	STP	Design	32.5					32.5				
		Construct a bike/pedestrian facility along Birch Hill Road to allow safe access to the Birch Hill Recreational Trail System.	SM		3.2				3.2					
			STP	Utilities	236.5				236.5					
			SM		23.5				23.5					
			BANK	Construction	1,809.2				1,809.2					
			STP						90.2					
			SM		180.6				180.6	8.9				
Project Total					2,285.5	0.0	0.0	0.0	0.0	2,285.5	99.1	0.0	0.0	0.0
22255		Fairbanks Rail Realignment	ILLU	All					83,447.2					0.0
		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.												
Project Total					0.0	0.0	0.0	0.0	83,447.2	0.0	0.0	0.0	0.0	0.0
		Fairbanks Road/Rail Crossing Reduction/Realignment Plan	ILLU	Planning						500.0				
		The primary purpose of the PLAN is to serve as a long-range road/rail planning document. The PLAN will enable FMATS and its agency partners to implement a more efficient and effective approach to integrate passenger and freight rail elements into the larger multi-modal and intermodal transportation framework.												
Project Total					0.0	0.0	0.0	0.0	0.0	0.0	500.0	0.0	0.0	0.0
29673	NFWH	FMATS Improvement Program	STP	Design	272.9					272.9	136.5			
19096	Y00006	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.) TAP funding through NID 30689	SM		27.1					27.1	13.5			
	BANK			1,029.9				1,029.9						
	TAP			654.3				654.3						
	ILLU				2,078.3					3,798.7				
	AC					2,274.3						2,274.3		
	ACC						-2,274.3						-2,274.3	
	STP				1,803.3	3,577.7		971.2	2,274.3	1,803.3	4,181.5		0.0	2,274.3
			3PF		179.0	457.3		322.1		179.0	680.9		225.7	
Project Total					2,282.3	5,719.2	2,078.3	3,567.6	0.0	2,282.3	6,696.6	3,798.7	2,500.0	0.0

2017-2020 TIP Amendment #3 Table

NID	IRIS	Project Description	Fund Code	Phase	Administrative Modification #2					Proposed Amendment #3				
					FFY17	FFY18	FFY19	FFY20	Beyond	FFY17	FFY18	FFY19	FFY20	Beyond
30096	HWY001	FMATS Sidewalk Improvement Program	CMAQ	Design		255.3					255.3			
		This is an annual project. Fund projects that will improve connectivity, safety, mobility and access for pedestrians throughout the MPA. <i>Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	STP		213.8				209.2					
		SM	16.2		25.3		20.8	25.3						
		FAF	205.0				205.0							
		STP	Right-of-Way		68.2				68.2					
		SM			6.8			6.8						
		STP			189.2			189.2						
		ILLU	Utilities			130.0				130.0				
		SM			18.8				18.8					
		AC	Construction				1,819.4					1,819.4		
		3PF					180.6				180.6			
		ACC						-1,819.4				-1,819.4		
		STP						1,819.4				1,819.4		
Project Total					435.0	563.6	130.0	2,000.0	0.0	435.0	563.6	130.0	2,000.0	0.0
16104	Z637840000	Gillam Way Reconstruction	Offset	Design	225.0					0.0				
		Reconstruct Gillam Way between Airport Way to 22nd Avenue including pedestrian and drainage improvements, utilities and traffic calming. 50% local match / 50% state match <i>Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	SM							0.0				
		3PF												
		STP	Right-of-Way		166.5					166.5				
		SM			8.3				8.3					
		3PF			8.2				8.2					
		STP	Utilities		55.5					55.5				
		SM			2.8				2.8					
		3PF			2.7				2.7					
		AC	Construction		4,048.2					4,048.2				
		STP				3,734.3					3,734.3			
		ACC				-4,048.2					-4,048.2			
		CMAQ				313.9					313.9			
		SM			216.5					216.5				
		3PF			185.3					185.3				
Project Total						225.0	4,694.0	0.0	0.0	0.0	0.0	4,694.0	0.0	0.0
6448		Green Streets Plan	PL	Planning							22.1			
		FMATS will develop a plan to 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.	FAM							4.5				
		STP							23.3					
Project Total					0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0

2017-2020 TIP Amendment #3 Table

NID	IRIS	Project Description	Fund Code	Phase	Administrative Modification #2					Proposed Amendment #3				
					FFY17	FFY18	FFY19	FFY20	Beyond	FFY17	FFY18	FFY19	FFY20	Beyond
31389	NFWH Y00274	Minnie Street Upgrade	STP	Design								887.0		1,182.6
		Reconstruct Minnie Street from Erceg Street to the Old Steese Highway in accordance with the results of the Planning and Environmental Linkages 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.	SM						44.0		58.7			
		50% local match / 50% state match	3PF						44.0		58.7			
			STP	Right-of-Way										1,364.6
			SM									67.7		
			3PF								67.7			
			STP	Utilities									909.7	
			SM								45.2			
			3PF								45.1			
			STP	Construction									8,642.2	
			SM								428.9			
			3PF								428.9			
Project Total										0.0	0.0	975.0	0.0	13,300.0
30097	NFWH Y00274	Minnie Street Upgrade: PEL Study	CTP	Recon. Study	545.8					0.0				
		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.	SM		27.1			0.0						
		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. 50% local match / 50% state match	3PF		27.1			0.0						
			Offset		180.5			0.0						
			CTP	Design			887.0				0.0			
			SM				44.0				0.0			
			3PF				44.0				0.0			
			ILLU	All					12,849.0					0.0
Project Total					780.5	0.0	975.0	0.0	12,849.0	0.0	0.0	0.0	0.0	0.0
17975	Z61725 0000	Noble Street Upgrade	STP	All							776.8			
		Reconstruct Noble St. from 1st Avenue to Gaffney Road.	FAF						253.8					
			SM						102.3					
Project Total					0.0	0.0	0.0	0.0	0.0	0.0	1,132.9	0.0	0.0	0.0
30100	NFWH Y00158	Old Richardson Highway Intersection Improvements	STP	Design		300.2						300.2		
		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.	BANK		400.3				400.3					
			SM		39.7	29.8			39.7		29.8			
			STP	Right-of-Way		227.4						227.4		
			SM			22.5						22.5		
			STP		Utilities			91.0				91.0		
			SM				9.0				9.0			
			ILLU	Construction									3,000.0	
Project Total					440.0	579.9	0.0	100.0	0.0	440.0	0.0	330.0	349.9	3,000.0

2017-2020 TIP Amendment #3 Table

NID	IRIS	Project Description	Fund Code	Phase	Administrative Modification #2					Proposed Amendment #3				
					FFY17	FFY18	FFY19	FFY20	Beyond	FFY17	FFY18	FFY19	FFY20	Beyond
22095		<b>Peridot Street Reconstruction</b> 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.	ILLU	0					2,750.0					0.0
			---											
		<b>Project Total</b>			0.0	0.0	0.0	0.0	2,750.0					0.0
29969	NFHW Y00137	<b>Wembley Avenue Improvements</b> Reconstruct Wembley Avenue from Aurora Drive to Danby Street and construct a pedestrian facility. <i>STP funds: 50% local match / 50% state match - CMAQ funds: 100% state match</i> <i>Bicycle and pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	BANK	Design	32.3	36.4				32.3	36.4			
			CMAQ		32.3					32.3				
			SM		6.4	3.6				6.4	3.6			
			CMAQ	Construction		329.7					329.7			
			AC								426.7			
			ACC									-426.7		
			STP				329.8					426.7		
			SM				65.5					75.1		
		<b>Project Total</b>							0.0	71.0	871.5	0.0	0.0	0.0
30098		<b>Wickersham Street Upgrades - Stage II</b> 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.	ILLU	0					10,260.0					0.0
		<b>Project Total</b>			0.0	0.0	0.0	0.0	10,260.0					0.0
9939-2	NFHW Y00139	<b>Yankovich/Miller Hill Road Reconstruction and Multi-Use Path</b> 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.	STP	Design		354.8					354.8			
			SM	Right-of-Way		35.2					35.2			
			STP				491.2					491.2		
			SM				48.8					48.8		
			STP	Utilities		773.2					664.3			
			SM			76.8						66.0		
			ACC						-4,159.1					-4,159.1
			SM	Construction				412.9					412.9	
			STP						4,159.1					4,159.1
			AC											
		<b>Project Total</b>			0.0	1,240.0	540.0	4,572.0	0.0	0.0	390.0	1,270.3	4,572.0	0.0

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond
21934	NFHWY00134	Advanced Project Definition	PL	Planning	11.0				
		Provide funding to the State and City to develop new estimates for TIP projects.	FAM		11.0				
		STP	100.0						
Project Total					122.0	0.0	0.0	0.0	0.0
30095	NFHWY00268	Airport Way Functional Features Analysis	STP	Planning	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.	FAM		27.1				
Project Total					300.0	0.0	0.0	0.0	0.0
30011		Barnette Street Reconstruction	STP	Design				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				67.7		
		SM				67.7			
		ILLU	All					16,550.0	
Project Total					0.0	0.0	0.0	1,500.0	16,550.0
3874	Z637680000	Birch Hill Bicycle and Pedestrian Facility: FNSB	STP	Design	32.5				
		Construct a bike/pedestrian facility along Birch Hill Road to allow safe access to the Birch Hill Recreational Trail System.	SM		3.2				
		STP	Utilities	236.5					
		SM		23.5					
		BANK	Construction	1,809.2					
		STP			90.2				
		SM		180.6	8.9				
Project Total					2,285.5	99.1	0.0	0.0	
26078	Z64062000	Chena River Walk Stage III	STP	Design	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		15.4				
		CMAQ			142.8				
		SM			14.2				
		CMAQ	Right-of-Way			2.3			
		SM				0.2			
		CMAQ	Utilities			2.3			
		SM				0.2			
		AC	Construction				1,410.0		
		ACC						-1,410.0	
		STP						1,410.0	
		3PF					140.0		
Project Total					170.5	157.0	5.0	1,550.0	0.0

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond	
30099	NFWHY00290	<b>College Road Bus Pullouts</b> 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. <i>New pullouts may potentially increase transit ridership and reduce congestion since the enhanced facility may make transit safer for the rider. It will also reduce idling by moving the bus outside of the travel lane.</i>	STP	Design	131.0	87.3				
			SM		13.0	8.7				
			CMAQ	Right-of-Way			227.4			
			SM				22.6			
			CMAQ	Utilities			181.9			
			SM				18.1			
			STP	Construction					600.4	
SM						59.6				
Project Total					144.0	96.0	450.0	0.0	660.0	
30012	NFWHY00126	<b>Cowles Street Reconstruction</b> Reconstruct Cowles Street from 1st Avenue to through East Cowles to include sidewalk, drainage, intersection and illumination improvements. <i>50% local match / 50% state match. Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	STP	Design		285.1				
			SM			14.1				
			3PF			14.1				
			STP	Right-of-Way		66.8				
			SM			3.3				
			3PF			3.3				
			STP	Utilities					190.4	
			SM						9.5	
			3PF						9.5	
			STP	Construction					5,126.1	
			CMAQ						727.8	
			3PF						254.4	
			SM						326.7	
Project Total					0.0	386.7	0.0	6,644.4	0.0	
22765	Z616760000	<b>Coordinators Office</b> Funding for the Fairbanks Metropolitan Area Transportation System (FMATS) Coordinator's office which supports delivery of the FMATS program.	STP	Planning	102.3	102.3	102.3	102.3		
			PL		252.5	252.5	252.5	252.5		
			FAM		35.2	35.2	35.2	35.2		
			FAF				97.0	97.0		
			CONP		7.5	7.5	7.5	7.5		
Project Total					397.5	397.5	494.5	494.5	0.0	
3847-1	Z622070000	<b>Fairbanks Cushman Street Bridge Rehabilitation or Replacement</b> 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.	STP	Utilities		9.1				
			SM	Utilities		0.9				
			AC	Construction				4,821.4		
			ACC						-4,821.4	
			STP						4,821.4	
			SM					478.6		
Project Total					0.0	10.0	0.0	5,300.0	0.0	
		<b>Fairbanks Road/Rail Crossing Reduction/Realignment Plan</b>	ILLU	Planning		500.0				
	The primary purpose of the PLAN is to serve as a long-range road/rail planning document. The PLAN will enable FMATS and its agency partners to implement a more efficient and effective approach to integrate passenger and freight rail elements into the larger multi-modal and intermodal transportation framework.									
Project Total					0.0	500.0	0.0	0.0	0.0	

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond
29673	NFHWY00006	<b>FMATS Improvement Program</b>	STP	Design	272.9	136.5			
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.) TAP funding through NID 30689	SM		27.1	13.5			
			BANK			1,029.9			
			3PF			102.2			
			TAP			654.3			
			3PF			163.6			
			ILLU	Construction			3,798.7		
			AC					2,274.3	
			3PF					225.7	
			ACC						-2,274.3
			STP		1,803.3	4,181.5			2,274.3
			3PF		179.0	415.1			
<b>Project Total</b>					<b>2,282.3</b>	<b>6,696.6</b>	<b>3,798.7</b>	<b>2,500.0</b>	<b>0.0</b>
30229	NFHWY00271	<b>FMATS Intersection Improvement Program</b>	STP	Design	109.2	60.0			
		Intersection enhancements related to capacity, safety, and/or multimodal accessibility within the FMATS boundary.	SM		10.8	6.0			
			STP	Utilities			2.5		
			SM				0.2		
			STP	Construction			322.0		
			3PF				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		<b>FMATS Safety and Efficiency Program</b>							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.	ILLU	All					
<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	NFHWY00138	<b>FMATS Sidewalk Improvement Program</b>	CMAQ			255.3			
		This is an annual project. Fund projects that will improve connectivity, safety, mobility and access for pedestrians throughout the MPA.	STP	Design	209.2				
		Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.	SM		20.8	25.3			
			FAF		205.0				
			STP	Right-of-Way		68.2			
			SM			6.8			
			STP			189.2			
			ILLU	Utilities			130.0		
			SM			18.8			
			AC					1,819.4	
			3PF	Construction				180.6	
			ACC						-1,819.4
			STP						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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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond	
16104	Z637840000	<b>Gillam Way Reconstruction</b> Reconstruct Gillam Way between Airport Way to 22nd Avenue including pedestrian and drainage improvements, utilities and traffic calming. <i>50% local match / 50% state match</i> <i>Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	STP	Right-of-Way		166.5				
			SM			8.3				
			3PF			8.2				
			STP	Utilities		55.5				
			SM			2.8				
			3PF			2.7				
			AC	Construction		4,048.2				
			STP				3,734.3			
			ACC				-4,048.2			
			CMAQ				313.9			
			SM			216.5				
			3PF			185.3				
Project Total					0.0	4,694.0	0.0	0.0	0.0	
20816	Z632930000	<b>Gold Hill Road Bicycle and Pedestrian Facility</b>	STP	Construction	312.1					
		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		31.0					
Project Total					343.1	0.0	0.0	0.0	0.0	
6448		<b>Green Streets Plan</b>	PL	Planning		22.1				
		FMATS will develop a plan to 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.	FAM			4.5				
		STP			23.3					
Project Total					0.0	50.0	0.0	0.0	0.0	
30029		<b>Lacey Street Reconstruction</b>	ILLU	All					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.								
Project Total					0.0	0.0	0.0	0.0	16,474.0	
30105		<b>Lathrop Street Extension</b> 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.	STP	Design	289.3		122.8			
			3PF		28.7		12.2			
			ILLU	Utilities			800.0			
			ILLU						727.8	
			ILLU	Construction					514.0	
Project Total					318.0	0.0	935.0	0.0	1,241.8	

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond	
6587	Z628380000	McGrath Rd Upgrade	STP	Right-of-Way	144.3					
		Upgrade McGrath Road between Farmers Loop and the Old Steese Highway. Improve the existing separated path as needed. Bicycle and pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.	SM		14.3					
			STP	Utilities		527.6				
			SM			52.4				
			STP	Construction					5,094.3	
			ACC						-5,094.3	
			AC					5,094.3		
		SM					505.7			
Project Total					158.6	580.0	0.0	5,600.0	0.0	
30629	Z901350000	Metropolitan Transportation Plan	PL	Planning	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		1.7					
		FAM	1.7							
Project Total					37.8	0.0	0.0	0.0		
31389	NFHWY00274	Minnie Street Upgrade	STP	Design			887.0		1,182.6	
		Reconstruct Minnie Street from Erceg Street to the Old Steese Highway in accordance with the results of the Planning and Environmental Linkages 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. 50% local match / 50% state match	SM				44.0		58.7	
		3PF				44.0		58.7		
			STP	Right-of-Way					1,364.6	
			SM						67.7	
			3PF						67.7	
			STP	Utilities						909.7
			SM							45.2
			3PF							45.1
			STP	Construction						8,642.2
			SM							428.9
			3PF							428.9
Project Total					0.0	0.0	975.0	0.0	13,300.0	
17975	Z617250000	Noble Street Upgrade	STP	All		776.8				
		Reconstruct Noble St. from 1st Avenue to Gaffney Road.	FAF			253.8				
		SM			102.3					
Project Total					0.0	1,132.9	0.0	0.0	0.0	
30106	NFHWY00269	North Pole Streetlight Standardization	STP	Design	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		11.2	16.3				
			STP	Right-of-Way			91.0			
			3PF				9.0			
			STP	Utilities				91.0		
			3PF					9.0		
			ILLU	Construction						1,286.0
Project Total					124.0	180.0	100.0	100.0	1,286.0	

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond	
30100	NFHWY00158	Old Richardson Highway Intersection Improvements	STP	Design			300.2			
		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.	BANK		400.3					
		SM	39.7			29.8				
									227.4	
									22.5	
									91.0	
									9.0	
					ILLU	Construction				
Project Total					440.0	0.0	330.0	349.9	3,000.0	
30251		Paratransit Vehicles	ILLU	All						
		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.								
Project Total					0.0	0.0	0.0	0.0	0.0	
26568	Z616610000	Pedestrian Improvements - Stage I	STP	Construction	76.9					
		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		7.6					
Project Total					84.5	0.0	0.0	0.0	0.0	
30093	NFHWY00246	Sign Replacement - Stage III	STP	Design	118.3		200.1			
		Replace signs in accordance with each entity's established sign management plans to meet the requirements of the MUTCD.	3PF		11.7		19.9			
			AC	Right-of-Way			4.5			
			ACC					-4.5		
			STP					4.5		
			3PF	Utilities			0.5			
			3PF				0.5			
			AC				4.5			
			ACC					-4.5		
			STP	Construction				4.5		
			AC					1,819.4		
			3PF					180.6		
			ACC						-1,819.4	
			STP						1,819.4	
Project Total					130.0	0.0	230.0	2,000.0	0.0	
26087	NFHWY00014	Tanana Loop and South Chandalar Drive Intersections	STP	Design	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.	FAM		25.6					
			AC	Construction				2,428.0		
			ACC						-2,428.0	
			STP						2,428.0	
			FAM					241.0		
Project Total					283.0	0.0	0.0	2,669.0	0.0	

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond
30250		<b>Transit Buses</b> 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. <i>New transit vehicles to replace existing vehicles are eligible under CMAQ.</i>	STP	Construction	978.3				
			CMAQ		695.5				
			SM		69.0				
			3PF		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>
31032	NSHWY00266	<b>Transition Plan</b>	FAF	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>
29969	NFHWY00137	<b>Wembley Avenue Improvements</b> Reconstruct Wembley Avenue from Aurora Drive to Danby Street and construct a pedestrian facility. <i>STP funds: 50% local match / 50% state match - CMAQ funds: 100% state match</i> <i>Bicycle and pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	BANK	Design	32.3	36.4			
			CMAQ		32.3				
			SM		6.4	3.6			
			CMAQ	Construction		329.7			
			AC			426.7			
			ACC				-426.7		
			STP				426.7		
			SM			75.1			
		<b>Project Total</b>			<b>71.0</b>	<b>871.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
9939-2	NFHWY00139	<b>Yankovich/Miller Hill Road Reconstruction and Multi-Use Path</b> 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.	STP	Design		354.8			
			SM			35.2			
			STP	Right-of-Way			491.2		
			SM				48.8		
			STP	Utilities			664.3		
			SM				66.0		
			ACC	Construction					-4,159.1
			SM					412.9	
			STP						4,159.1
			AC					4,159.1	
		<b>Project Total</b>			<b>0.0</b>	<b>390.0</b>	<b>1,270.3</b>	<b>4,572.0</b>	<b>0.0</b>

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond
<b>Funding (Revenue) Summary</b>									
		FMATS STP ALLOCATION (Federal)	STP		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	274.6	252.5	252.5	
			BANK		2,683.6	1,066.3			
					11,053.7	9,413.1	8,324.7	8,324.7	
		<i>This shows the overall match required for the federal funds above.</i>							
		FMATS STP 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			
					1,097.2	935.0	826.3	826.3	
					12,150.9	10,348.1	9,151.0	9,151.0	
<b>Funding (Revenue) Total</b>									
<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 STP Allocation (federal)	STP		5,714.3	7,344.4	7,344.4	7,201.8	
		Congestion Mitigation/Air Quality	CMAQ		727.8	727.8	727.8	727.8	
		Planning Funds	PL		297.9	274.6	252.5	252.5	
		(federal)	BANK		2,241.8	1,066.3	0.0	0.0	
				<i>Federal Subtotal</i>	8,981.8	9,413.2	8,324.7	8,182.1	
		Advanced Construction	AC		0.0	4,474.9	9.0	23,825.9	
		Advance Construction Conversion(Payback)	ACC		0.0	0.0	-4,474.9	-9.0	
				<i>AC/ACC Subtotal</i>	0.0	4,474.9	-4,465.9	23,816.9	
<b>Federal Match Summary</b>									
		State Match	SM		448.7	616.7	229.9	1,832.6	
		Match contributions from local governments	3PF		343.1	910.8	118.1	1,067.5	
		FMATS Appropriation Match	FAM		100.6	39.7	35.2	276.2	
				<i>Match Subtotal</i>	892.4	1,567.2	383.2	3,176.3	
					9,874.2	10,980.4	8,707.9	11,358.4	
<b>Other Summary</b>									
		Transportation Alternative Program	TAP		0.0	654.3	0.0	0.0	
					0.0	654.3	0.0	0.0	
<b>Illustrative Summary</b>									
		Illustrative - Fund Place Holder	ILLU		0.0	500.0	4,728.7	0.0	
					0.0	500.0	4,728.7	0.0	
<b>General Fund Summary</b>									
		FMATS Appropriation Funds	FAF		265.0	253.8	97.0	97.0	
		City of North Pole Contribution	CONP		7.5	7.5	7.5	7.5	
				<i>TOTAL</i>	272.5	261.3	104.5	104.5	
				<b>GRAND TOTAL</b>	10,146.7	11,896.0	8,812.4	11,462.9	

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond
<b>FTA Projects within FMATS Boundary</b>									
Need ID	Project Description		Fund Code	Fund Type	FFY17	FFY18	FFY19	FFY20	
20997	<b>Urbanized Area Formula Grant - FNSB</b>		FTA	5307	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>	
	<b>Urbanized Area Formula - ARRC</b>		FTA	5307	18.1	0	0.0	0.0	
	Associated transit improvements.		Match		1.9	0	0.0	0.0	
	<b>Project Total</b>				<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>Urbanized Area Formula - ARRC</b>		FTA	5307	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>	
	<b>Urbanized Area Formula - ARRC</b>		FTA	5307	130.0	200.0	200.0	200.0	
	Preventive Maintenance		Match		32.5	50.0	50.0	50.0	
	<b>Project Total</b>				<b>162.5</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	
	<b>Urbanized Area Formula - ARRC</b>		FTA	5307		40.0	40.0	92.0	
	Dispatch Radio Modernization: Upgrade/replace dispatch radios		Match			10.0	10.0	23.0	
	<b>Project Total</b>				<b>0.0</b>	<b>50.0</b>	<b>50.0</b>	<b>115.0</b>	
	<b>Transit Security - ARRC</b>		FTA	5307	18.1	40.0	40.0	40.0	
	Support for transportation infrastructure security activities to strengthen the nation's critical infrastructure against risks associated with potential terrorist attacks		Match		1.9	10.0	10.0	10.0	
	<b>Project Total</b>				<b>20.0</b>	<b>50.0</b>	<b>50.0</b>	<b>50.0</b>	
	<b>Rural Transit - FNSB</b>		ILLU	5311	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>	<b>250.0</b>	<b>250.0</b>	
	<b>State of Good Repair - ARRC</b>		FTA	5337	138.8	200.0	200.0	200.0	
	Preventive Maintenance		Match		13.7	50.0	50.0	50.0	
	<b>Project Total</b>				<b>152.5</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	
	<b>State of Good Repair - ARRC</b>		FTA	5337		200.0	200.0	200.0	
	Track rehabilitation		Match			50.0	50.0	50.0	
	<b>Project Total</b>				<b>0.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	
	<b>State of Good Repair - ARRC</b>		FTA	5337		40.0	40.0	92.0	
	Dispatch Radio Modernization: Upgrade/replace dispatch radios		Match			10.0	10.0	23.0	
	<b>Project Total</b>				<b>0.0</b>	<b>50.0</b>	<b>50.0</b>	<b>115.0</b>	
	<b>Enhanced Mobility for Seniors and Individuals with Disabilities</b>		FTA	5310	60.0	60.0	60.0	60.0	
	Funding for VanTran service.		FNSB		60.0	60.0	60.0	60.0	
	<b>Project Total</b>				<b>120.0</b>	<b>120.0</b>	<b>120.0</b>	<b>120.0</b>	
	<b>Transit Maintenance Facility Expansion</b>		ILLU	5339	10,000.0				
	Renovation and expansion of the transit maintenance facility.		FTA		12,800.0				
	<b>Project Total</b>				<b>3,200.0</b>				
	<b>Bus and Bus Facility Allocations - FNSB</b>		FTA	5339	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>	

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond
Illustrative FTA Projects within the FMATS Boundary									
Need ID	Project Description		Fund Code	Fund Type	FFY17	FFY18	FFY19	FFY20	
	Buses and Bus Facility Competitive Grant		ILLU	5339(b)	2,000.0				
			FNSB						
Project Total					2000.0	0.0	0.0	0.0	
NHS Projects Within FMATS Boundary									
Need ID	IRIS	Project Description / Funding Source	Fund Code	Phase	FFY17	FFY18	FFY19	After2019	
3843	Z640780000	Airport Way / Cushman Street Intersection Reconstruction							
		Reconstruct the intersection at Airport Way and Cushman Street.							
		Project Total			0.0	0.0	0.0	10,036.4	
29881		Airport Way Drainage							
		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.							
		Project Total			0.0	0.0	0.0	10,300.0	
15685	Z618720000	Airport Way (West) Improvements							
		Construct intersection improvements along Airport Way between Dale Road and the Parks Highway. Project includes bicycle/pedestrian facilities along Hoselton Road to the Boat Street path.							
		Project Total			0.0	0.0	0.0	8,300.0	
24518		Elliot Highway MP 0-12 Rehabilitation (Fox to Haystack) Rehabilitation, restoration and resurfacing. Also includes shoulder widening in selected areas.	NHPP	Utilities	454.9				
			SM		45.1				
			AC	Construction			27,896.9		
			SM				2,769.1		
		Project Total			500.0	0.0	30,666.0	27,896.9	
25598	Z615970000	Richardson Highway MP 357 - 362 Bicycle/Pedestrian Path Construct a paved bicycle/pedestrian path on the Richardson Highway between MP 357 - 362, starting from the Richardson Highway/Airport Way intersection, continuing along the Richardson Highway to the Badger Loop North Bound Ramp, and terminating at the Badger Road/Old Richardson Highway intersection.	AC	Construction		3,488.7			
			ACC				-3,488.7		
			SM			346.3			
			STP				3,488.7		
			STP	Utilities			93.4		
			ACC				-93.4		
		Project Total			0.0	3,835.0	0.0	0.0	
2130	Z661480000	Richardson Highway MP 353 - 357 Access/Safety Improvements							
		Improve access control on the Richardson Highway between approximate mileposts 353-357. This project will upgrade and extend the existing frontage road system, construct improved at-grade intersections, and eliminate a number of existing access approaches onto the Richardson Highway.							
		Project Total			0.0	0.0	0.0	21482.0	
28069		Richardson Highway MP 359 Railroad Grade Seperated Facility							
		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.							
		Project Total						44428.0	

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond
22441	Z625410000	<b>Steese Highway and 3rd Street Widening</b> 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.	NHPP	Right-of-Way	4,821.4				
			SM		478.6				
Project Total					5,300.0	0.0	0.0	15,300.0	
11899	Z614220000	<b>Steese Highway/Johansen Expressway Area Traffic Improvements</b> 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	GO Bond	Design					
				Right-of-Way					
				Utilities					
				Construction					
Project Total					0.0	0.0	0.0	0.0	
30150		<b>Steese Highway MP 4.5 (CHSR) Off-Ramp Bypass Lane</b> Conduct a bypass lane and retaining wall at the Steese Highway north bound ramp to Chena Hot Springs Road	ACC	Design	-129.4				
			NHPP		129.4				
			NHPP	Right-of-Way		136.5			
			SM		13.5				
			NHPP	Construction		591.3			
			SM		58.7				
Project Total					0.0	800.0	0.0	0.0	
29829		<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							
Project Total					0.0	0.0	0.0	36,074.0	
3821	Z632130000	<b>University Avenue Widening</b> Widen and reconstruct University Avenue to current standards. (NID's associated with this parent design project: NID 29655 & 29656)	NHPP	Design	1819.4				
			SM		180.6				
Project Total					2000.0	0.0	0.0	0.0	
29655	Z632130000	<b>University Avenue Rehabilitation: Thomas Street to Chena River (Segment I)</b> 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.)	AC	Construction		27,809.2			
			ACC				-13,904.60		
			NHPP				13,904.60		
			SM			2,760.4			
Project Total					0.0	30569.6	0.0	13,904.6	
29656	Z632130000	<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)							
Project Total					0.0	0.0	0.0	22,000.0	

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond
Other Major Projects Within FMATS Boundary									
Need ID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	After2019	
26076		Aurora Drive- Noyes Slough Bridge Rehabilitate or replace bridge #209 on Aurora Drive in Fairbanks	STP	Design		227.4			
			SM			22.6			
			STP	Right-of-Way		227.4			
			SM			22.6			
			STP	Utilities		682.3			
			SM			67.7			
Project Total					0.0	1,250.0	0.0	7,500,000.0	
19217	NFWHY00096	HSIP: Badger Road Two Way Left Turn Lane	HSIP	Design	500.0				
		Utilities			150.0				
		Construction				19,130.0			
Project Total					500.0	150.0	19,130.0	0.0	
19217	Z772770000	HSIP: College Road Median Extension	HSIP	Construction	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.							
Project Total					520.0	0.0	0.0	0.0	
18923	Z607740000	PM: Farmers Loop Resurfacing		Construction	2,615.3				
		Resurface Farmers Loop Road including the separated path. Resurface University Avenue form the intersection with College Road to Thomas Street. Project will also include signs, striping, lighting, culverts, guardrail, signal modifications and permanent traffic recorder modifications.							
Project Total					2,615.3	0.0	0.0	0.0	
26080		Gold Mine Trail Road Upgrade Upgrade an 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.	3PF	Design	21.9				
			STP		445.3				
			ACC		-225.2				
			3PF	Utilities	9.0				
			STP		91.0				
			3PF	Construction		234.8			
			AC			2,365.2			
Project Total					342.0	2,600.0	0.0	2,747.3	
19217-2	Z634790000	HSIP: Fairbanks Danby-Wembley Roundabout	HSIP	Design	400.0				
		Right-of-Way		100.0					
		Construction		4,000.0					
Project Total					4,500.0	0.0	0.0	0.0	
19217-4	Z634670000	HSIP: Steese Hwy/Chena Hot Springs Rd Ramp Termini Roundabouts	HSIP	Design	300.0				
		HSIP	Utilities	60.0					
		HSIP	Construction		2,379.0				
Project Total					360.0	2,379.0	0.0	0.0	
26082	Z624870000	Old Steese Highway Reconstruction - GO Bond Reconstruct the Old Steese Highway from Wendell Avenue Bridge to, and including, the intersecenation at the Johansen Expressway.		Design		2,350.0			
				Right-of-Way		1,500.0			
				Utilities			2,300.0		
				Construction			16,000.0		
Project Total					0.0	3,850.0	18,300.0	0.0	

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond	
25596		Rosie Creek Road Improvements 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.	3PF	Design		42.9				
			STP		545.8					
			ACC		-545.8	432.1				
			3PF	Right-of-Way		45.2				
			STP			454.9				
			3PF	Utilities		9.0				
			STP			91.0				
			3PF	Construction			546.9			
			AC				5,509.1			
Project Total					0.0	1,075.1	6,056.0	6,056.0		
6359	Z632910000	Wendell Avenue Bridge Rehabilitate or replace the Wendell Street Bridge, widen sidewalks and provide pedestrian facilities along the north side under the bridge.	GO Bond	Design						
				Right-of-Way						
				Utilities						
				Construction	14,000.0					
Project Total					14,000.0	0.0	0.0	0.0		
CMAQ PROJECTS										
Need ID	IRIS	Project Description / Funding Source	Phase	Fund Code	FFY17	FFY18	FFY19	After2019		
26161		Fairbanks Air Quality Planning Project	CMAQ	All	72.8	72.8	72.8			
		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.	SM		7.2	7.2	72.8			
Project Total					80.0	80.0	80.0	80.0		
29232		Committed Measures for the Fairbanks SIP	CMAQ-M	All	1,728.4	1,728.4	1,728.4			
		This project is to fund committed measures identified in the Fairbanks SIP that addresses the Fairbanks PM2.5 non-attainment.	SM		171.6	171.6	171.6			
Project Total					1,900.0	1,900.0	1,900.0	11,400.0		
18791		Statewide Congestion and Mitigation Air Quality	CMAQ	All	482.1	482.1	482.1			
		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.	CMAQ-M		2,729.1	2,729.1	2,729.1			
			SM		318.8	318.8	318.8			
Project Total					3,530.0	3,530.0	3,530.0	7,060.0		
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										
18791-16	Z607110000	FNSB SIP	CMAQ	All	430.0	430.0	430.0			
		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.								
Project Total					430.0	0.0	0.0	0.0		
18791-17	Z635830000	PM2.5 VMT and Classification Study	CMAQ	All	100.0					
		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.								
Project Total					100.0	0.0	0.0	0.0		

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NID	IRIS	Project Description	Fund Code	Phase	FFY17	FFY18	FFY19	FFY20	Beyond
18791-18	Z617630000	<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.	CMAQ	All	3,300.0				
<b>Project Total</b>									
18791-1	Z607090000	<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.	CMAQ	All	500.0				
<b>Project Total</b>									
18791-Z	Z63386	<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.	CMAQ	All	3,530.0	3,530.0	3,530.0		
<b>Project Total</b>									
24756-10	Z604440000	<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.	CMAQ	All	250.0				
<b>Project Total</b>									
29232-1	Z901410000	<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.	CMAQ	All	1,900.0	1,900.0	1,900.0		
29232-2	Z901420000	<b>Fairbanks &amp; North Pole Libraries &amp; 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.							
<b>Project Total</b>									
18791-2	Z604580000	<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.	CMAQ	All	300.0				
<b>Project Total</b>									
26161	Z605660000	<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 th eFairbanks North Star Borough, consisting of FMATS, the MPO for the Fairbanks urban area, and the associated "doughnut area" within the PM2.5 boundaries.	CMAQ	All	80.0	80.0			
<b>Project Total</b>									

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