



October 19, 2016

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

RE: Transmittal of FMATS' 2015 – 2018 TIP Administrative Modification #5

Dear Mr. Anderson:

Attached for approval and inclusion in the Statewide Transportation Improvement Program (STIP) is the Fairbanks Metropolitan Area Transportation System (FMATS) 2015 - 2018 Transportation Improvement Program (TIP) Administrative Modification #5. The FMATS Policy Committee approved this document on October 19, 2016. It was revised to initiate several projects such as the FMATS Sign Replacement Project, the North Pole Streetlight Standardization project, Airport Way Beautification, Transit Buses, Lathrop Street Extension and the FMATS Intersection Improvement program. This Administrative Modification was developed in conformance with 23 USC 134 and all applicable federal requirements for Metropolitan Planning Organizations and is financially constrained.

The remainder of the changes are also administrative nature. A Summary of Changes is attached but should only be used as a guide and not as an accounting document. All information on TIP is posted on our website at: <http://fmats.us/programs/tip/>, including the summary of changes.

Once the Governor's approval is received, we request TIP Administrative Modification #5 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 to facilitate timely obligation of FMATS' funding. Please notify the MPO Coordinator at donna.gardino@fmats.us when transmitting this TIP to DOT & PF Headquarters for inclusion in the STIP.

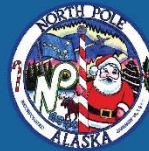
Sincerely,

Mayor Bryce Ward
Policy Committee Chair

Attachments: FMATS FFY 2015 – 2018 TIP Administrative Modification #5
FMATS FFY2015 – 2018 TIP Administrative Modification #5 Summary of Changes
FMATS Policy Committee Action Items

CC: Margaret Carpenter, Northern Region, ADOT&PF

FMATS



FAIRBANKS METROPOLITAN AREA TRANSPORTATION SYSTEM



2015 – 2018

Transportation Improvement Program

Administrative Modification #5

Approved October 19, 2016

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FMATS 2015 - 2018 FMATS TRANSPORTATION IMPROVEMENT PROGRAM
ADMINISTRATIVE MODIFICATION #5
Approved 10.19.16

FMATS 2015 – 2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) ADMINISTRATIVE MODIFICATION #5

This is Administrative Modification #5 of the 2015 – 2018 Fairbanks Metropolitan Area Transportation System (FMATS) TIP. This TIP modification was developed to modify the funding on several projects so that they may be initiated in FFY17. These projects include the following: FMATS Sign Replacement, North Pole Streetlight Standardization, Airport Way Beautification, Transit Buses, Lathrop Street Extension and the FMATS Intersection Improvement Program. Funding modifications include increases on three projects that were in construction late in FFY16: Gold Hill Road Bicycle and Pedestrian Facility, FMATS Improvement Program and FMATS Pedestrian Improvements Stage I. Banked funds were added from FFY16 to FFY17 for the Birch Hill Bicycle and Pedestrian Facility project as well as the Old Richardson Highway Intersection Improvement project with the approval of DOT&PF. Both these projects should obligate in the first quarter of FFY17. A complete list of all changes can be found on the FMATS website at www.fmats.us.

Administrative Modification #5 was reviewed at the October 5 Technical Committee meeting and approved by the Policy Committee on October 19, 2016. The TIP continues to be fiscally constrained. A conformity determination is not required for Administrative Modifications.

This TIP Administrative Modification 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 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 2015 - 2018 FMATS TRANSPORTATION IMPROVEMENT PROGRAM
ADMINISTRATIVE MODIFICATION #5
Approved 10.19.16

ACRONYMS AND DEFINITIONS

General Definitions

AC – Advance Construction

BANK - Banking

AMATS – Anchorage Metropolitan Area Transportation Solutions

CMs – Contingency Measures

EPA – Environmental Protection Agency

FHWA – Federal Highway Administration

FMATS – Fairbanks Metropolitan Area Transportation System

FTA – Federal Transit Administration

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

MPO – Metropolitan Planning Organization

M & O - Maintenance and Operations

PPP – Public Participation Plan

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

SIP – State Implementation Plan

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.

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.

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

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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.

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.

Earmark – Funds designated for a specific project. Certain earmarks have been made available for repurposing under the Consolidated Appropriations Act of 2016. FMATS has received authority to repurpose this particular earmark on the Noble Street Upgrade project.

EAR-M – The non-federal share required for Earmark funding.

FCTP – 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 non-federal share.

FED-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 reflects the federal share only.

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.

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

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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

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%.

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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%.

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%.

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.

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:

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- **(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.

AARC – Funds available through the Alaska Railroad Corporation.

DOD – Funds available through the Department of Defense.

For more information, please contact:

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Fairbanks, AK 99701-4615
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NID	IRIS	Score	Project Description	Fund Code	Perf. Meas.	AQ	Phase	FFY15	FFY16	FFY17	FFY18	Beyond
CTP Funding Table												
30011		43.58	Barnette Street Reconstruction	---			2					2,500.0
			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.	---			3					100.0
				---			7					1,000.0
				---			4					14,350.0
			Project Total					0.0	0.0	0.0	0.0	17,950.0
30099		58.59	College Road Bus Pullouts	CMAQ			2			131.0		
			Install seven bus stop facilities at high-use locations along College Road in coordination with the MACS Transit System and the College Road Corridor Study from University Avenue to the Steese Expressway.	CTP			2				87.3	
				SM			2			13.0	8.7	
				CMAQ			3					136.5
				SM			3					13.5
				CMAQ			7					182.0
				SM			7					18.0
				---			4					660.0
			Project Total							144.0	96.0	1,010.0
13699	Z621640000	99	College Road Rehabilitation & Intersection Improvements: Fairbanks									
			Rehabilitate and repave College Road between University Avenue and MaryLeigh Avenue, including intersection improvements along the route.	CTP			4	187.2				
			<i>(3 banking actions: \$590.2, \$1,748.8, \$70.5 = \$2,409.5)</i>	BANK			4	2,409.5				
				SM			4	257.8				
				Offset			4	228.8				
			<i>\$4.5M for College set aside in SB 230</i>	College			4	4,440.0				
			Project Total					7,523.3	0.0	0.0	0.0	0.0

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NID	IRIS	Score	Project Description	Fund Code	Perf. Meas.	AQ	Phase	FFY15	FFY16	FFY17	FFY18	Beyond
30012	NSHWY00128	60.34	Cowles Street Reconstruction: Fairbanks	CTP			2		374.1		266.9	
			Reconstruct Cowles Street from 1st Avenue to East Cowles to include sidewalk, drainage and illumination improvements. <i>50% local match / 50% state match</i>	SM			2		18.6		13.2	
			<i>City of Fairbanks</i>	3PF			2		18.6		13.2	
				CTP			3				66.8	
				SM			3				3.3	
			<i>City of Fairbanks</i>	3PF			3				3.3	
				---			7					209.3
				---			4					6,435.0
			Project Total					0.0	411.3	0.0	366.7	6,644.3
30103		30.68	Dennis Road Lighting Improvements	---			2					120.0
			Install street lights at the intersection of Dennis & Bradway Rd. and the intersection of Dennis & Old Richardson Hwy., in North Pole.	---			7					50.0
				---			4					212.0
			Project Total					0.0	0.0	0.0	0.0	382.0
3847-1	Z622070000	99	Fairbanks Cushman Street Bridge Replacement	CTP			7			9.1		
			Replace the Cushman Street Bridge. The bridge should be consistent with the Complete Street concept south of the Chena River and the parent Illinois Street project.	SM			7			0.9		
				---			4					10,900.0
			Project Total					0.0	0.0	10.0	0.0	10,900.0
22255			Fairbanks Rail Realignment	ILLU			2			10,500.0		
			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.	---								
				---			3					10,232.9
				---			3					1,015.7
				---			7					10,642.2
				---			7					1,056.4
				---			4					45,485.0
				---			4					4,515.0
			Project Total					0.0	0.0	10,500.0	0.0	72,947.2

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NID	IRIS	Score	Project Description	Fund Code	Perf. Meas.	AQ	Phase	FFY15	FFY16	FFY17	FFY18	Beyond
21934	Z630330000	99	FMATS Advanced Project Definition	Offset			8		20.0			40.0
			Provide funding to the State and City to develop new estimates for TIP projects.	PL			8			11.0		
				M160			8			5.1		
				CTP			8			40.0		
			Project Total					0.0	20.0	56.1	0.0	40.0
22765	Z616760000	99	FMATS Coordinators Office	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	181.6	238.8	252.5	252.5	
				M381			8	28.2				
				M46			8		33.9	35.2	35.2	
				SB46			8	99.4	83.6			
			<i>City of North Pole monetary contribution</i>	CONP			8	7.5	7.5	7.5	7.5	
			Project Total					419.0	466.1	397.5	397.5	0.0
6448	Z642320000		FMATS Freight Mobility Plan	PL			8	257.4				
			Characterize the movement of freight within the MPA, identify deficiencies and make recommendations for future freight investments.	M381			8	25.6				
			Project Total					283.0	0.0	0.0	0.0	0.0
30629	NFHWHY00135	REQ	FMATS Metropolitan Transportation Plan	PL			8		221.8	30.0		
			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.	Offset			8		116.2			
				SM					11.0	1.5		
			<i>M381 being used for match on offset amount (\$10.5)</i>	M381			8		11.0	1.5		
			Project Total					0.0	360.0	33.0	0.0	0.0
22815	Z619540000	99	FMATS Street Light Conversion-Stage III	Offset			4	125.3				
			Upgrade approximately 212 HPS street lights to other appropriate lighting technology and replace up to 25 light poles as necessary within the UAF Campus. Grounding upgrades will occur to achieve code compliance.									
			Project Total					125.3	0.0	0.0	0.0	0.0
30093		31.41	FMATS Sign Replacement - Stage III	CTP			2			118.3		220.0
			Replace signs in accordance with the City of Fairbanks' established sign management plan to meet the retroreflectivity requirements of the MUTCD.	3PF			2			11.7		
				ILLU			3					5.0
				ILLU			7					5.0
				ILLU			4					2,000.0
			Project Total					0.0	0.0	130.0	0.0	2,230.0

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NID	IRIS	Score	Project Description	Fund Code	Perf. Meas.	AQ	Phase	FFY15	FFY16	FFY17	FFY18	Beyond
16104	Z637840000	56.1	Gillam Way Reconstruction	CTP			2		317.5	136.5		
			Reconstruct Gillam Way between Airport Way to 22nd Avenue including pedestrian and drainage improvements, utilities and traffic calming. 50% local match / 50% state match	SM			2		15.8	6.8		
			City of Fairbanks	3PF			2		15.7	6.7		
				CTP			3			166.5		
				SM			3			8.3		
			City of Fairbanks	3PF			3			8.2		
				CTP			7					55.5
				SM			7					2.8
			City of Fairbanks	3PF			7					2.7
				CTP			4					4,048.2
				SM			4					200.9
				City of Fairbanks			3PF					200.9
			Project Total					0.0	349.0	333.0	4,511.0	0.0
30029		41.45	Lacey Street Reconstruction: Fairbanks	ILLU			2		1,500.0			2,500.0
			Reconstruct Lacey Street from 1st Avenue to 12th Avenue. Reconstruction includes drainage improvements, intersection and sidewalk upgrades, utility relocation, signing, striping and landscaping.	---			3					1,500.0
				---			7					500.0
				---			4					12,974.0
						Project Total					0.0	1,500.0
30105		40.87	Lathrop Street Extension	CTP			2			289.3		453.0
			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		
				---			7					800.0
				---			4					514.0
			Project Total					0.0	0.0	318.0	0.0	1,767.0
6587	Z628380000	49.6	McGrath Rd Upgrade: FNSB	CTP			2	241.1				
			Upgrade McGrath Road between Farmers Loop and the Old Steese Highway. Improve the existing separated path as needed.	CMAQ			2	122.8				
				SM			2	36.1				
				CTP			3			454.9		
				SM			3			45.2		
				CTP			7			318.4		
				SM			7			31.6		
				CTP			4					4,944.2
				CMAQ			4					150.1
				SM			4					505.7
			Project Total					400.0	0.0	850.1	0.0	5,600.0

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30097		55.3	Minnie Street Upgrade	CTP			2			887.0		1,300.0
			Rehabilitate Minnie Street from Erceg Street to the Old Steese Highway. Improvements including improving intersection geometries, upgrading sidewalks to meet ADA standards, storm drain system, utility relocations and rehabilitation or replacement of the Noyes Slough Bridge. Consideration should be given to incorporate bicycle facilities. 50% local match / 50% state match	SM			2			44.0		
			<i>City of Fairbanks</i>	3PF			2			44.0		
				---			3					1,500.0
				---			7					1,000.0
				---			4					9,500.0
			Project Total					0.0	0.0	975.0	0.0	13,300.0
17975	Z617250000	99	Noble Street Upgrade: Fairbanks									
			Reconstruct Noble St. from 1st Avenue to Gaffney Road. 50% local match / 50% state match	Bank			2	181.9				
				SM			2	9.0				
			<i>City of Fairbanks</i>	3PF			2	9.0				
				Bank			4		8,405.6			
				CTP			4		1,734.3			
				CMAQ			4		24.4			
				SM			4		936.8			
				Offset			4		51.5			
			<i>City of Fairbanks (remaining balance of match required per agreement)</i>	3PF			4		22.1			
			<i>City of Fairbanks ROW donation</i>	ROW			4		50.0			
				Ear-M			4		24.9			
				Earmark			4		250.4			
			Project Total					199.9	11,500.0	0.0	0.0	0.0
30106		37.25	North Pole Streetlight Standardization	CTP			2			112.8		180.0
			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. The project has four major areas of concentration: the city core, Highway Park, Ford and Morning Star Subdivisions.	3PF			2			11.2		
				---			3					100.0
							7					100.0
				---			4					1,286.0
			Project Total					0.0	0.0	124.0	0.0	1,666.0

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30100	NFHwy00158	47.71	Old Richardson Highway Intersection Improvements	Bank			2			400.3		
			Analyze, design, and construct intersection and safety improvements with emphasis on pedestrian safety, road function, and quality of life. The intersections to be considered are Santa Claus Lane and E 5th Avenue and North Pole High School Boulevard at Old Richardson Highway and 8th Avenue. The railroad crossing will also be brought to current standards under this project.	SM			2			39.7	29.8	
				CTP			2				300.2	
				SM			2					
				CTP			3				227.4	
				SM			3				22.5	
				-			7					100.0
				---			4					3,000.0
			Project Total					0.0	0.0	440.0	579.9	3,100.0
22095		21.99	Peridot Street Reconstruction	---			2					250.0
			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.	---			4					1,250.0
			Project Total					0.0	0.0	0.0	0.0	1,500.0
30104		54.66	Phillips Field Road Guardrail Installation	ILLU			2		50.0			50.0
			Install approximately 1,000 feet of guardrail along Phillips Field Road between Fox Avenue and Pioneer Road.	---			7					20.0
				---			4					142.0
			Project Total					0.0	50.0	0.0	0.0	212.0
26087	NFHwy00014	43.5	Tanana Loop and South Chandalar Drive Intersections	CTP			2	82.7		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.	CMAQ			2					
				M46			2	8.2		25.6		
				---			4					2,428.0
				M46			4					241.0
			Project Total					90.9	0.0	283.0	0.0	2,669.0

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30098		37.55	Wickersham Street Upgrades - Stage II	ILLU			2		500.0			1,500.0
			Upgrade Wickersham Street from 4 th to 6 th Avenue, Perry Street from 6 th to 8 th Avenue, and 4 th , 5 th , 6 th , 7 th , 8 th , and 9 th 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.	---			3					60.0
				---			7					1,000.0
				---			4					7,700.0
			Project Total					0.0	500.0	0.0	0.0	10,260.0
9939-2	NFHwy00139	61.3	Yankovich/Miller Hill Road Reconstruction and Multi-Use Path	CTP			2		106.4	62.6		
			Reconstruct Miller Hill Road and Yankovich Road from Sheep Creek to Ballaine Road. Construct a side path from the Musk Ox Farm to Ballaine Road and tie into the existing side path on Farmers Loop.	SM			2		10.6	6.2		
				Offset			2		160.2			
				ILLU			2					
				ILLU			3			1,033.0		
				CTP			3					
				SM			3					
				CTP			7			291.1		
				SM			7			28.9		
				SM			4					
				ILLU			4					4,572.0
			Project Total					0.0	277.2	1,421.8	0.0	4,572.0

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Non-Motorized Project Table												
30095		26.66	Airport Way Beautification	CTP			8			272.9		300.0
			Provide a general toolkit for DOT&PF project managers and engineers that provides options for consistently themed aesthetic roadway treatments including landscape and hardscape improvements. Evaluate pedestrian/bicycle encroachment risks along the corridor and feasibility of aesthetic treatments that consider right of way and operational constraints. Construct as funding allows.	M46			8			27.1		
							4					250.0
Project Total								0.0	0.0	300.0	0.0	550.0
3874	Z637680000	37.8	Birch Hill Bicycle and Pedestrian Facility: FNSB	Offset			2		150.0			
				CTP			7	33.7				
			Construct a bike/pedestrian facility along Birch Hill Road to allow safe access to the Birch Hill Recreational Trail System.	SM			7	3.3				
				Bank			4			2,283.3		
				SM			4			226.7		
Project Total								37.0	150.0	2,510.0	0.0	0.0
26568	Z616610000		FMATS Pedestrian Improvements - Stage I	CMAQ			2	136.5				
			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	13.5	1.8			
				CTP			2		18.2			
				CTP			4	1,896.7	259.5	76.9		
				CMAQ			4	468.5				
				SM			4	234.8	25.8	7.6		
Project Total								2,750.0	305.3	84.5	0.0	0.0
20816	Z632930000	42.9	Gold Hill Road Bicycle and Pedestrian Facility: FNSB	Bank			2	68.2				
			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	6.8				
				CTP			2		45.5			
				SM			2		4.5			
				CTP			4	2,911.0		240.5		
				Bank			4	454.9				
				SM			4	334.1		23.9		
Project Total								3,775.0	50.0	264.4	0.0	0.0

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30096-1		40.36	Loftus Road Pedestrian Improvements	ILLU			2		50.0			
			Investigate potential improvements to make crossing Loftus Road more comfortable for non-motorized users, particularly at Wood River Drive and Birch Lane and areas around University Park Elementary School and Effie Kokrine School.	---			3					
				---			7					
				---			4					
			Project Total					0.0	50.0	0.0	0.0	
30251		38.24	Paratransit Vehicles	CMAQ			8					
			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.	SM			8					
			Project Total					0.0	0.0	0.0	0.0	
10565	Z772480000	31.7	Plack Road Bike/Pedestrian Facility: FNSB	GO-P			4	3,000.0				
			Construct a bicycle and pedestrian facility along Plack Road from Badger Road to Nelson Road.									
			Project Total					3,000.0	0.0	0.0	0.0	0.0
26077	Z628360000	43.8	Steese Expressway to Front Street Bicycle/Pedestrian Path	Bank			3		18.2			
			Construct a bicycle/pedestrian path from the Steese Expressway separated path to Front Street.	M381			3		1.8			
				Bank			7	113.7				
				M381			7	11.3				
				Offset			3		10.0			
				CTP			4		410.7			
			<i>CMAQ 100% SM</i>	CMAQ			4		580.6			
				M381			4		40.7			
				SM			4		57.6			
			Project Total					125.0	1,119.6	0.0	0.0	0.0
30250		36.46	Transit Buses	CTP			4			113.1		2,700.0
			Purchase six 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			250.8		
				SM			4			24.9		
				3PF			4			11.2		
			Project Total					0.0	0.0	400.0	0.0	2,700.0
29969	NFHWHY00137	35.03	Wembley Avenue Improvements: Aurora Drive to Danby Street	CMAQ			2		122.8	64.6		
			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		12.2	6.4		
				CMAQ			4				659.5	
				SM			4				65.5	
			Project Total					0.0	135.0	71.0	725.0	0.0

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FMATS Programs Table												
29673	NFHwy00006	na	FMATS Improvement Program	CTP			2	272.9		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, dust control, signage replacement and intersection upgrades. (SOA pays design match and local agencies pay construction match, per agreement.)	SM			2	27.1		27.1		
				Offset			2		115.0			
				Bank			4	1,182.6				
				TAP			4					654.3
				Bank			4	322.4				
				Offset			4		30.9			
				A portion of this is for Cos on the FFY16 program	CTP		4	1,438.6	977.3	2,800.0	1,742.8	
	SM		4		8.9							
	3PF		4	292.2	88.1	277.9	173.0					
			Project Total					3,535.8	1,220.2	3,377.9	1,915.8	0.0
30229		na	FMATS Intersection Improvement Program	CTP			2			272.9		
			Intersection enhancements related to capacity, safety, and/or multimodal accessibility within the FMATS boundary.	3PF			2			27.1		
				---			3					
				---			7					
				---			4					
			Project Total					0.0	0.0	300.0	0.0	
30231		na	FMATS Safety and Efficiency Program	-			2					
			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.	-			4					
			Project Total					0.0	0.0	0.0	0.0	0.0
30096	NFHwy00138	na	FMATS Sidewalk Improvement Program	CTP			2		309.0			
			This is an annual project. Fund projects that will improve connectivity, safety, mobility and access for pedestrians throughout the MPA. Construct sidewalk improvements at the following locations: Cowles Street from 23rd to 29th Ave., Lathrop Street from Eagen Avenue to 16th Avenue) and Farmers Loop Road near Army Road. Include crossing improvements when feasible.	SM			2		30.7			
				Offset			2		86.3			
				CMAQ			2			213.2		
				SM			2			21.2		
				SM			3			6.8		
				CMAQ			3			68.2		
				CTP			7				189.2	
				SM			7				18.8	
				ILLU			4				1,926.2	
			Project Total					0.0	426.0	309.4	2,134.2	0.0
30714		na	FMATS Transportation Alternative Program	TAP			All		227.7	929.3		
			The TAP provides funding for programs and projects defined as transportation alternatives including but not limited to on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities and environmental mitigation.	3PF				22.6		92.5		
			Project Total					0.0	250.3	1,021.8	0.0	0.0

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General Fund (GF) Project Table												
26078	Z64062000	49.4	Chena River Walk PH Stage III	---			4					3,460.5
			Continue expansion of the Chena River Walk to the north side of the Chena River with approximately 5,500 linear feet of pathway and up to three pedestrian bridges.									
			Project Total					0.0	0.0	0.0	0.0	3,460.5
25456	Z602600000	59.6	Chena Small Tracts Road Bicycle and Pedestrian Facility	---			4					
			Construct a bicycle and pedestrian facility to accommodate safer multi-modal travel along or adjacent to Chena Small Tracts Road.									
			Project Total					0.0	0.0	0.0	0.0	0.0
19098		99	Cushman, Barnette and Gaffney Upgrades: Fairbanks (Parent Project)									
			Reconstruct Cushman Street and Gaffney Road (complete). Work will include analyzing and upgrading traffic signals at intersecting roads, upgrading controller cabinets, improving site distance, ADA improvements, illumination and drainage improvements and possible one-way to two-way conversions for 2nd, 4th and 5th streets only. The scope will includes making Cushman a "Complete Street".	381			2	90.0				
			Note: NID 19097 Fire Station / Police Station Traffic Revision project is incorporated into this project and the Gaffney Road Reconstruction Project.									
	Z771940000		Cushman Street/Gaffney Road Reconstruction									
			Reconstruct Cushman Street and Gaffney Road. Work will include analyzing and upgrading traffic signals at intersecting roads, upgrading controller cabinets, improving site distance, ADA improvements, illumination and drainage improvements and possible one-way to two-way conversions for 2nd, 4th and 5th streets only. The scope will includes making Cushman a "Complete Street".	SB160			2	600.0				
				SB46			4	2,236.7	60.0			
				SB160			4	167.4	163.1			
				SB230			4	947.7	345.6			
			Project Total					10,288.8	568.7	0.0	0.0	0.0
16205	Z637270000	60.8	South Cushman 15th to Mitchell: Sidewalk and Drainage Improvements	381			4	90.0				
			Construct drainage improvements along the route and reconstruct the sidewalks on the west side of South Cushman from the end of the NHS project influence to the Mitchell Expressway. Reconstruct the sidewalks on the west side of South Cushman and relocate the duct bank currently located within the sidewalk.	SB230			4	93.0				
				SB46			4	130.0				
				SB160			4	171.6				
			Project Total					484.6	0.0	0.0	0.0	0.0
9939	Z767070000	34	Yankovich / Miller Hill Rd Multi-Use Path: FNSB Stage I and II	SB160			4	1,050.0				1,000.0
			Construct a separated bicycle / pedestrian trail along Yankovich and Miller Hill Roads in the Farmers Loop / University of Alaska area.	SB230			4	861.2				
			Project Total					1,911.2	0.0	0.0	0.0	1,000.0

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Funding (Revenue) Summary												
			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				439.0	460.6	293.5	252.5	
			Transportation Alternative Program	TAP					227.7	929.3		
				BANK				4,733.2	8,423.8	2,683.6	----	
			AK147 Earmark						250.4			
								<i>Federal Subtotal</i>	13,244.4	17,434.7	11,978.6	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	679.0	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				43.6	45.7	29.1	25.0	
			Match needed for all Banking funds	BANK-M				469.8	836.2	266.4		
			Match needed for all TAP funds	TAP-M					22.6	92.2		
			Match needed for Earmark Funds	Ear-M					24.9			
			ROW donation from City of Fairbanks in lieu of match	ROW				----	50.0	----	----	
								<i>Match Subtotal</i>	1,314.6	1,730.6	1,188.9	826.2
								Funding (Revenue) Total	14,559.0	19,165.3	13,167.5	9,150.9
Projected Obligations Summary												
Federal Projects Summary												
			FMATS CTP ALLOCATION (federal)	CTP				7,166.2	4,654.8	7,295.4	7,086.6	
			PROJECTS PROGRAMMED TO FMATS CMAQ	CMAQ				727.8	727.8	727.8	659.5	
			Planning Funds	PL				439.0	460.6	293.5	252.5	
			Transportation Alternative Program	TAP				0.0	227.7	929.3	0.0	
			(federal)	BANK				4,733.2	8,423.8	2,683.6	0.0	
				Earmark				0.0	250.4	0.0	0.0	
								<i>Federal Subtotal</i>	13,066.2	14,745.1	11,929.6	7,998.6
			<i>This shows the detailed listing of all match sources being used to match fed funds above.</i>									
			State Match	SM				922.5	1,134.3	570.7	365.5	
			Match contributions from local governments	3PF				301.2	167.1	519.2	393.1	
			381 LOCAL MATCH	M381				65.1	53.5	1.5	0.0	
			160 Local Match	M160				0.0	0.0	5.1	0.0	
			SB46 LOCAL MATCH	M46				8.2	33.9	87.9	35.2	
			NOBLE ROW DONATION	ROW				0.0	50.0	0.0	0.0	
				Ear-M				0.0	24.9	0.0	0.0	
								<i>Match Subtotal</i>	1,297.0	1,463.7	1,184.4	793.8
								Projected Federal Obligation Total	14,363.2	16,208.8	13,114.0	8,792.4
								Remaining FMATS Funding (federal and match)	195.8	2,956.5	53.5	358.5
GF Projects Summary												
			SB230 College Road allocation (\$4,500.0)	College				4,440.0	0.0	0.0	0.0	
			General Fund (\$ 5,089.0) HB 381	381				1,537.0	0.0	0.0	0.0	
			General Fund for Gaffney/Cushman (\$6,250.0)	GF-GC				4,890.0	0.0	0.0	0.0	
			Plack GO Bond 2012 (\$5,000,000)	GO-P				3,000.0	0.0	0.0	0.0	
			SB 230 - FFY11 Capital Budget (\$5,000.0)	SB230				1,901.9	345.6	0.0	0.0	
			FFY12 GF Appropriation (\$5,000.0)	SB46				2,466.1	143.6	0.0	0.0	
			FFY13 GF Appropriation (\$7,500.0)	SB160				1,989.0	163.1	0.0	0.0	
			City of North Pole Contribution	CONP				7.5	7.5	7.5	7.5	
								<i>GF Total</i>	20,231.5	659.8	7.5	7.5
								GRAND TOTAL FMATS AREA PROJECTED OBLIGATIONS (Federal and GF)	34,594.7	16,868.6	13,121.5	8,799.9

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FTA Projects within FMATS Boundary								
Fund Type	Program	Need ID	Project Description	Fund Code	FFY15	FFY16	FFY17	FFY18
5307	UZA	20997	Urbanized Area Formula Grant - FNSB	FTA	576.8	737.5	737.5	737.5
			Transit operating assistance.	Match	576.8	737.5	737.5	737.5
			Project Total		1153.6	1475.0	1475.0	1475.0
5307	UZA		Urbanized Area Formula Rail Tier - ARRC					
			Associated transit improvements.	FTA	18.1		18.1	18.1
				Match	1.9		1.9	1.9
			Project Total		20.0	0.0	20.0	20.0
5307	UZA		Urbanized Area Formula - ARRC	FTA	200	100	211.0	200.0
			Track rehabilitation	Match	50	25	53.0	50.0
			Project Total		250.0	125.0	264.0	250.0
5311	UZA		Rural Transit - FNSB	ILLU	250.0	250.0	250.0	250.0
			Operational funding for the grey line	Match	250.0	250.0	250.0	250.0
			Project Total		500.0	500.0	500.0	500.0
5337	UZA		State of Good Repair - ARRC	FTA	136.3	124.0	138.8	121
			Preventive Maintenance	Match	13.5	31.0	13.7	24.0
			Project Total		149.8	155.0	152.5	145.0
5337	UZA		Track Rehabilitation - ARRC	FTA	100.0	100.0	100.0	100.0
			Track rehabilitation	Match	25.0	25.0	25.0	25.0
			Project Total		125.0	125.0	125.0	125.0
5307	UZA		Transit Security - FY15 - ARRC	FTA	18.1	18.1	18.1	18.1
			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	1.9	1.9
			Project Total		20.0	20.0	20.0	20.0
5339	UZA		Bus and Bus Facility Allocations - FNSB	FTA	240.1	80.5	80.5	80.5
			FFY09 Section 5309 E2009-BUSP-003	FNSB	48.0	20.1	20.1	20.1
			Project Total		288.1			

Illustrative FTA Projects within the FMATS Boundary

Fund Type	Program	Need ID	Project Description	Fund Code	FFY15	FFY16	FFY17	FFY18
5339(b)	UZA		Buses and Bus Facility Competitive Grant	ILLU		1,920.0		
				FNSB		480.0		
			Project Total			2400.0		
5307	ILLU		Transit Maintenance Facility Expansion	ILLU		10000.0		
5339				FTA		12800.0		
				FNSB		3200.0		
			Project Total			26000.0		

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NHS Projects Within FMATS Boundary										
Need ID	IRIS	Highway	Location	Project Description / Funding Source	Phase	Fund Code	FFY15	FFY16	FFY17	FFY18
3843	Z640780000	Airport Way	Fairbanks	Airport Way / Cushman Street Intersection Reconstruction	2	NHPP			626.2	
				Reconstruct the intersection at Airport Way and Cushman Street.	2	SM			62.2	
					3	NHPP				1,137.1
					3	SM				112.9
					7	NHPP				682.3
					7	SM				67.7
Project Total								1,438.4	1,250.0	
29881				Airport Way Drainage	2	SM				1,046.2
				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.	2	SM				103.8
				Project Total						1,150.0
15685	Z618720000	Airport Way	Fairbanks	Airport Way (West) Improvements	2	STP/SM				
				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.	3	NHPP/SM				
					7	NHPP/SM				
					4	ILLU				7,550.5
					4	SM				749.5
Project Total								8,300.0		
24518				Elliot Highway MP 0-12 Rehabilitation (Fox to Haystack)	7	NHPP			454.9	
				Rehabilitation, restoration and resurfacing. Also includes shoulder widening in selected areas.	7	SM				45.1
					4	AC				
					4	SM				
Project Total							0.0	500.0		
25598	Z615970000	Richardson	Fairbanks	Richardson Highway MP 357 - 362 Bicycle/Pedestrian Path	2	ACC		-247.5		
				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.	2	STP		247.5		
					4	AC				2,647.9
					7	SM		6.6		187.1
					7	STP				93.4
					4	STP				2,647.9
					7	AC		93.4		
	7	ACC				-93.4				
Project Total							100.0	2,835.0	0.0	

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NHS Projects within the FMATS Boundary										
Need ID	IRIS	Highway	Location	Project Description	Phase	Fund Code	FFY15	FFY16	FFY17	FFY18
2130	Z661480000	Richardson	Fairbanks	Richardson Highway MP 353 - 357 Access/Safety Improvements	4	AC				21,482.0
				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.	4	SM				1,518.0
Project Total										23000.0
28069				Richardson Highway MP 359 Railroad Grade Separated Facility	2	ILLU/SM				
				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.	3	ILLU/SM				
					7	ILLU/SM				
Project Total										0.0
22441	Z625410000	Steese	Fairbanks	Steese Highway and 3rd Street Widening	4	AC				11,703.3
				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.	4	ACC				0.0
					4	NHPP				0.0
					4	SM				1,161.7
Project Total								0.0	0.0	12,865.0
11899	Z614220000	Steese/ Johansen	Fairbanks	Steese Highway/Johansen Expressway Area Traffic Improvements	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				
Project Total										
30150				Steese Highway MP 4.5 (CHSR) Off-Ramp Bypass Lane	2	ACC		-129.40		
				Conduct a bypass lane and retaining wall at the Steese Highway north bound ramp to Chena Hot Springs Road	2	NHPP		215.80		
					2	SM		8.60		
					4	NHPP				591.3
					4	SM				58.7
Project Total								95.0		650.0
29829		Steese/ Johansen	Fairbanks	Steese Expressway / Johansen Expressway Interchange	2	NHPP				1,886.7
				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	2	SM				187.3
					3	NHPP				
					3	SM				
					7	NHPP				
					7	SM				
Project Total										2074.0

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NHS Projects within the FMATS Boundary											
Need ID	IRIS	Highway	Location	Project Description	Phase	Fund Code	FFY15	FFY16	FFY17	FFY18	
3821	Z632130000		Fairbanks	University Avenue Widening	7	NHPP		3638.8			
				Widen and reconstruct University Avenue to current standards. (NID's associated with this parent design project: NID 29655 & 29656)	7	SM		361			
Project Total								4000.0			
29655	Z632130000		Fairbanks	University Avenue Rehabilitation: Thomas Street to Chena River (Segment I)	4	AC				14,010.8	
				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					
					4	Bond				18798.5	
					4	NHPP				0.0	
					4	SM				1,390.7	
Project Total							0.0	0.0	0.0	34200.0	
29656	Z632130000		Fairbanks	University Avenue Rehabilitation: Chena River to Parks Highway (Segment II)	4	ILLU					
				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)	4	SM					
Project Total										0	

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Other Major Projects Within FMATS Boundary

Need ID	IRIS	Area	Project Description	Fund Code	Phase	FFY15	FFY16	FFY17	FFY18	
26076		Fairbanks	Aurora Drive- Noyes Slough Bridge (#0209) Rehabilitation or Replacement	STP	2		454.9	227.4		
			Rehabilitate or replace bridge #209 on Aurora Drive in Fairbanks	SM	2		45.2	22.6		
				STP	3				227.4	
				SM	3				22.6	
				STP	7				682.3	
				SM	7				67.7	
			Project Total				500.0	250.0	1,000.0	
19217	Z772770000	Fairbanks	College Road Median Extension	HSIP	2		200.0			
			Extend the median that currently exists from Crossover Way to the Sam's Club driveway by approximately 900 linear feet to Illinois Street.	HSIP	4			520.0		
			Project Total				200.0	520.0		
18923	Z607740000		Farmers Loop Resurfacing	STP/SM	2		627.3			
			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.	STP/SM	4			16,400.0		
			Project Total			0.0	627.3	16,400.0		
26080			Gold Mine Trail Road Upgrade	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.	ACC	2		-260.7			
				STP	2		260.7	220.1		
				3PF	4				272.7	
				ACC	4				2,747.3	
			Project Total				0.0	242.0	3,020.0	
19217-2	Z634790000	Fairbanks	HSIP: Fairbanks Danby-Wembley Roundabout	HSIP	2	450.0				
			Construct a single lane roundabout at the intersection of Danby Street and Wembley Avenue.	HSIP	3			150.0		
				HSIP	4			1,424.0		
			Project Total			450.0	0.0	150.0	1,424.0	

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Other Major Projects Within FMATS Boundary

Need ID	IRIS	Area	Project Description	Fund Code	Phase	FFY15	FFY16	FFY17	FFY18
19217-4	Z634670000		HSIP: Steese Hwy/Chena Hot Springs Rd Ramp Termini Roundabouts		4			2,379.0	
			Construct roundabouts at the interchange ramp termini for the Steese Highway at Chena Hot Springs Road.		7		60.0		
			Project Total				60.0	2,379.0	
19217-3	Z624890000		HSIP: Northern Region Pedestrian Improvements		4	751.0			
			Replace existing crosswalks at 58 signalized intersections in the Fairbanks and North Pole areas with methyl methacrylate. Install 4 Rectangular Rapid Flashing Beacons (RRFB) at the Airport Way Frontage Road / West Cowles.						
			Project Total			751.0			
19217		Fairbanks	Joint Tanana Range Access	ILLU	4			40,000.0	
			to construct a crossing of the Tanana River to provide year-round access to the military training areas	ILLU					
				ILLU	4			10,000.0	46,000.0
				ILLU	4			10,000.0	46,000.0
			Project Total					60,000.0	92,000.0
25556		North Pole	North Pole Road/Rail Reduction Project	ARRC	3				
			Project to reduce the number of at-grade (same level) road/rail crossings on an 8-mile section of the Eielson Branch track (from Richardson Hwy Milepost 9 to the Chena River Floodway) that currently runs through North Pole.		4				
			Project Total						
7461	Z604550000		Old Nenana/ Ester Hill Rehabilitation	STP	7		91.0		
			Rehabilitate and repave up to 11 miles of road. Work to include ditch cleaning, culvert replacement, signing and possible shoulder widening.	SM	7		9.0		
				SM	4				
				STP	4				
			Project Total				9.0		
26082	Z624870000	Fairbanks	Old Steese Highway Reconstruction - GO Bond	GO Bond	2	575.0			
			Reconstruct the Old Steese Highway from Wendell Avenue Bridge to, and including, the intersenction at the Johansen Expressway.	GO Bond	3	170.0			
				GO Bond	2				
				GO Bond	7				
				GO Bond	4			16,000.0	
			Project Total					16,000.0	

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Other Major Projects Within FMATS Boundary

Need ID	IRIS	Area	Project Description	Fund Code	Phase	FFY15	FFY16	FFY17	FFY18
25596			Rosie Creek Road Improvements	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.	ACC	2		-545.8		
				STP	2		545.8	432.1	
				3PF	3				45.2
				STP	3				454.8
				3PF	4				
				AC	4				
				3PF	7				9.0
				STP	7				91.0
			Project Total			0.0	0.0	475.0	600.0
6359	Z632910000		Wendell Avenue Bridge	GO Bond	2		400.0		
			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			150.0	
				GO Bond	4			14,000.0	
			Project Total			0.0	400.0	14,150.0	0.0

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CMAQ PROJECTS									
Need ID	IRIS	Location	Project Description / Funding Source	Phase	Fund Code	FFY15	FFY16	FFY17	FFY18
24756		Fairbanks	Fairbanks Fine Particulate Matter Planning and Control	2	CMAQ-M	0.0			
			A portion of the FNSB has been designated as a non-attainment area for fine particulate matter (PM 2.5). The goal of this project is to design and implement projects to mitigate PM2.5 concentrations in the community.	3	CMAQ-M	60.0			
				4	CMAQ-M	2,400.0			
Project Total						2,460.0	0.0	0.0	0.0
26161		Fairbanks	Fairbanks Air Quality Planning Project	8	CMAQ	80.0	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 _{2.5} non-attainment area and also a CO Maintenance area. An up to date transportation model and EPA mobile source emission model are needed for on-going transportation and air quality planning activities in the community. This project will provide funding to conduct federally mandated Air Quality Conformity Analysis for all long and short term planning documentation.	8	SM		7.2	7.2	7.2
Project Total						80.0	80.0	80.0	80.0
<i>The above projects are in the draft 2016 - 2019 STIP. The following projects are sub-allocations from Need ID 29232 and are exempt from conformity analysis. They are shown here for informational purposes only.</i>									
18791-16	Z607110000	Fairbanks	FNSB SIP						
			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	
Project Total						430.0	430.0	430.0	0.0
24756	Z621270000	Fairbanks	COF Pedestrian Facilities Upgrade						
			Reconstruct pedestrian facilities on Aurora Drive, Cowles Street, Lacey Street and 5th, 6th, 7th, 8th, 9th, and 10th Avenues from Cowles Street to Noble Street, and 10th Avenue from Noble Street to the Steese Highway.	2	CMAQ				
				3	CMAQ	0.0			
				4	CMAQ	60.0			
						2,400.0			
Project Total						2,460.0	0.0	0.0	0.0
18791-17	Z635830000	Fairbanks	PM2.5 VMT and Classification Study						
			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	100.0	100.0	
Project Total						100.0	100.0	100.0	0.0
18791-18	Z617630000	Fairbanks	Nor Reg Signal Interconnect						
			To fund vehicle volume, classification, speed counts, and traffic counting equipment within the PM2.5 non-attainment area. Conduct a baseline study of local road VMT, as well as data analysis and reporting.	8	CMAQ	3,300.0	3,300.0	3,300.0	
Project Total						3,300.0	3,300.0	3,300.0	0.0

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CMAQ PROJECTS									
Need ID	IRIS	Location	Project Description / Funding Source	Phase	Fund Code	FFY15	FFY16	FFY17	FFY18
18791-1	Z607090000	Fairbanks	FNSB Air Quality Education	8	CMAQ	500.0	500.0	500.0	
			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.						
Project Total						500.0	500.0	500.0	0.0
24756-10	Z604440000	Fairbanks	Heavy Duty Diesel Anti-Idling Maintenance and Emission	8	CMAQ	250.0	250.0	250.0	
			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.						
Project Total						250.0	250.0	250.0	0.0
24756		Fairbanks	Carlson Center Motor Vehicle Plug-In	2	CMAQ		124.5		
			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.	4				1,874.1	
Project Total						0.0	124.5	1,874.1	0.0
24756		Fairbanks	Fairbanks and North Pole Libraries and Big Dipper Plug-Ins	2	CMAQ		127.2		
			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.	4				1,418.2	
Project Total						0.0	127.2	1,418.2	0.0
18791-2	Z604580000	Fairbanks	Hot Spot Guidance Program	8	CMAQ	300.0	300.0	300.0	
			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.						
Project Total						300.0	300.0	300.0	0.0
26161	Z605660000	Fairbanks	Fairbanks Air Quality Conformity	8	CMAQ	80.0	80.0	80.0	80.0
			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.						
Project Total						80.0	80.0	80.0	80.0