

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM  
Amendment #3, Draft 07.10.20 - OPTION A**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
32119	NFHWY00445	<b>5th Avenue Reconstruction</b> Reconstruct 5th Avenue from Barnette to Noble Street to provide improved facilities for all users. Reconstruction includes ADA-compliant sidewalks and shoulders to accommodate bicyclists, wayfinding and bicycle route signs, and landscaping in accordance with FAST Planning's "Complete Streets" Policy.	STP	Design	218.8		109.8				
			TAP		77.3						
			3PF		29.4		10.9				
			STP	Right-of-Way				27.3			
			3PF				2.7				
			STP	Utilities					409.4		
			3PF					40.6			
			STP	Construction						1,092.8	
			TAP							454.9	
			3PF								153.6
<b>Project Total</b>					<b>325.5</b>	<b>0.0</b>	<b>150.8</b>	<b>450.0</b>	<b>1,701.3</b>	<b>0.0</b>	
32279	NFHWY00447	<b>Airport West Bicycle &amp; Pedestrian Facility</b> Construct bicycle and pedestrian connection from the Fairbanks International Airport terminal to the neighborhoods west of the Airport and planned non-motorized facilities along Dale Road.	STP	Design	300.2	154.6					
			SM		29.8	15.4					
			STP	Utilities				9.1			
			SM					0.9			
			STP	Construction					1,137.0	318.5	
			AC						318.5		
			ACC							-318.5	
			SM						144.5		
<b>Project Total</b>					<b>330.0</b>	<b>170.0</b>	<b>1,610.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
21934	NFHWY00395	<b>Advanced Project Definition</b> Provide funding to the State and City to develop new estimates for TIP projects.	STP	Planning	91.0			91.0			
			FAM		9.0			9.0			
<b>Project Total</b>					<b>100.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>0.0</b>	
30011	TBD	<b>Barnette Street Reconstruction</b> 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. 50% local match / 50% state match	ILLU/3PF	Design						2,250.0	
				Right-of-Way						100.0	
				Utilities						1,000.0	
				Construction						12,100.0	
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15,450.0</b>	

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32278	TBD	<b>Bike Lane Striping &amp; Signing</b> Signing and striping of existing paved shoulders within Fairbanks City Limits on City streets to accommodate bicyclists as designated bike lanes for seasonal use.	ILLU	Design						356.0	
				Right-of-Way						0.0	
				Utilities						10.0	
				Construction						1,733.0	
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2,099.0</b>	
26078	NFHWY00280	<b>Chena River Walk Stage III</b> Construct an approximately 3,200' long segment, multi-use asphalt path that is 10 feet wide with 2-foot gravel shoulders. The proposed path would be constructed on the north side of the Chena River from the existing Chena River pedestrian bridge crossing near Pioneer Park to the east side of Peger Road where the new path turns to a north/south orientation along Peger Road until it terminates at the southeast corner of the Peger Road and Phillips Field Road controlled intersection. <i>Bicycle and pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	CMAQ	Design	277.5						
			FAM		27.5						
			CMAQ	Right-of-Way					2.3		
			FAM						0.2		
			CMAQ	Utilities					2.3		
			FAM						0.2		
			STP	Construction					1,459.6		
			CMAQ						120.6		
FAM						156.9					
<b>Project Total</b>					<b>305.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,742.0</b>	<b>0.0</b>	<b>0.0</b>	
30099	NFHWY00290	<b>College Road Bus Pullouts</b> Construct new bus stop facilities along College Road. Work includes roadside hardware, drainage improvements, ADA improvements and utilities. <i>New pullouts may potentially increase transit ridership and reduce congestion since the enhanced facility may make transit safer for the rider. It will also reduce idling by moving the bus outside of the travel lane.</i>	STP	Design	181.9						
			FAF		45.5	45.5					
			SM		22.6	4.5					
			CMAQ	Right-of-Way			229.7				
			STP				6.8				
			SM				23.5				
			CMAQ	Utilities					2.3		
			SM						0.2		
CMAQ	Construction					600.4					
SM						59.6					
<b>Project Total</b>					<b>250.0</b>	<b>310.0</b>	<b>0.0</b>	<b>662.5</b>	<b>0.0</b>	<b>0.0</b>	

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30012	NFHWY00126	<b>Cowles Street Reconstruction</b> Reconstruct Cowles Street from 1st Avenue through East Cowles Street. Project work will include roadside hardware, drainage improvements, intersection improvements, ADA improvements and utilities. <i>50% local match / 50% state match.</i> <i>Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	STP	Design	136.5	52.6	50.5				
			FAF		325.7	28.8					
			AC			50.5					
			ACC				-50.5				
			SM		22.9	6.5					
			3PF		22.9	6.5					
			STP	Right-of-Way				227.0			
			AC			227.0					
			ACC				-227.0				
			SM			11.3					
			3PF		11.3						
			STP	Utilities						190.4	
			SM						9.5		
			3PF						9.5		
			STP	Construction							5,126.1
CMAQ							727.8				
3PF							254.4				
SM							326.7				
<b>Project Total</b>					<b>508.0</b>	<b>394.5</b>	<b>0.0</b>	<b>0.0</b>	<b>209.4</b>	<b>6,435.0</b>	
22765	NFHWY00336	<b>Coordinators Office</b> Funding for the FAST Planning Coordinator's office which supports delivery of the FAST Planning's program.	STP	Planning	106.1	100.0	100.0	100.0	100.0		
			PL		274.6	304.6	304.6	304.6	304.6		
			FAM		37.8	40.2	40.2	40.2	40.2		
			FAF		10.0	10.0	10.0	10.0	10.0		
<b>Project Total</b>					<b>428.5</b>	<b>454.8</b>	<b>454.8</b>	<b>454.8</b>	<b>454.8</b>	<b>0.0</b>	
38471	Z622070000	<b>Cushman Street Bridge Rehabilitation</b> Rehabilitate the Cushman Street Bridge and Cushman Street between the First Avenue and Terminal Street intersections. Project work will include bridge work, roadside hardware, ADA sidewalk and curb ramp improvements.	STP	Design			2.3				
			SM			0.2					
			STP	Construction					4,093.6		
			CMAQ					727.8			
			AC				4,821.4				
			ACC					-4,821.4			
SM			478.6								
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>2.5</b>	<b>5,300.0</b>	<b>0.0</b>	<b>0.0</b>	
31516	NFHWY00425	<b>Fairbanks Road/Rail Crossing Reduction/Realignment Plan</b> The primary purpose of the PLAN is to serve as a long-range road/rail planning document. The PLAN will enable FAST Planning and its agency partners to implement a more efficient and effective approach to integrate passenger and freight rail elements into the larger multi-modal and intermodal transportation framework.	BANK	Planning	136.5						
			FAM		13.5						
			FAF		318.4						
			SM		31.6						
<b>Project Total</b>					<b>500.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	

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29673 19096	NFHWY00365 NFHWY00434	<b>FAST Improvement Program</b> 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. <i>State pays design match and local governments pay construction match, per agreement.</i>	STP	Design				305.7			
			FAF			368.4					
			SM			36.6		30.3			
			FAF	Utilities			21.4				
			SM			2.1					
			AC	Construction		1,731.9					
			ACC				-1,731.9				
			STP				2,563.8		1,012.1		
			FAF			939.4	159.7				
			SM			86.1	15.9				
3PF		186.7	86.6				100.5				
<b>Project Total</b>					<b>2,944.1</b>	<b>1,522.6</b>	<b>0.0</b>	<b>1,448.6</b>	<b>0.0</b>	<b>0.0</b>	
30229	NFHWY00271 NFHWY00482	<b>FAST Intersection Improvement Program</b> Intersection enhancements related to capacity, safety, and/or multimodal accessibility within the FAST Planning boundary.	FAF	Design	341.1						
			SM		33.9						
			STP	Construction	132.3		272.9				
			FAF			220.9					
			3PF		13.1	21.7	27.1				
<b>Project Total</b>					<b>520.4</b>	<b>242.5</b>	<b>300.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
TBD	TBD	<b>FAST Safety and Efficiency Program</b> 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>0.0</b>	<b>0.0</b>	
30096 32078	NFHWY00282 NFHWY00454	<b>FAST Sidewalk Improvement Program</b> Fund projects that will improve connectivity, safety, mobility and access for pedestrians throughout the MPA. Includes "Growden Area Accessibility Improvements" ATAP project. <i>Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	BANK	Design	255.3						
			SM		25.3						
			TAP		111.0	80.1					
			3PF		11.0	7.9					
			STP	Utilities	9.1						
			SM		0.9						
			AC	Construction	1,074.7						
			TAP				694.1				
			FAF			146.5					
			3PF		221.4	14.5	142.9				
			ACC			-1,074.7					
			CMAQ			313.8	727.8				
			STP		1,155.5	760.9	17.3				
<b>Project Total</b>					<b>2,864.2</b>	<b>249.1</b>	<b>1,582.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	

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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	Utilities	91.0					
			FAF		268.8					
			SM		17.9					
			3PF		17.9					
			STP	Construction	3,623.0	266.0				
			CMAQ		313.9					
			AC		111.3					
			ACC			-111.3				
			SM		304.0	10.1				
			3PF		304.0	10.1				
			FAF		2,077.1	48.0				
<b>Project Total</b>					<b>7,128.8</b>	<b>222.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
32798	TBD	<b>Holmes Road Reconstruction</b> Reconstruct Holmes Road from the Badger/Montgomery intersection to Badger/Peede intersection, including consideration of widened shoulders, seperated path, sidewalks, or bike lanes. Work includes drainage improvements, roadside hardware, and utilities.	ILLU	Design						1,228.0
				Right-of-Way						500.0
				Utilities						100.0
				Construction						10,213.0
<b>Project Total</b>										<b>12,041.0</b>
30029	TBD	<b>Lacey Street Reconstruction</b> Reconstruct Lacey Street from 1st to 12th Avenue. Reconstruction includes drainage improvements, intersection and sidewalk upgrades, utility relocation, signing, striping, and landscaping.	ILLU	Design						2,500.0
				Right-of-Way						700.0
				Utilities						925.0
				Construction						10,000.0
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>14,125.0</b>
30105	TBD	<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		122.8				
			3PF			12.2				
			STP	Utilities				727.8		
			3PF					72.2		
			STP	Construction					467.6	
			3PF						46.4	
<b>Project Total</b>					<b>0.0</b>	<b>135.0</b>	<b>0.0</b>	<b>1,314.0</b>	<b>0.0</b>	<b>0.0</b>
6587	Z628380000	<b>McGrath Rd Upgrade</b> Upgrade McGrath Road between Farmers Loop and the Old Steese Highway. Improve the existing seperated path as needed.	STP	Utilities	527.6					
			FAF		108.8	136.3				
			SM		63.2	13.5				
			STP	Construction				4,836.3		
			AC			4,836.3				
			ACC					-4,836.3		
			SM			480.1				
<b>Project Total</b>					<b>699.6</b>	<b>5,466.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

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TBD	TBD	<b>Metropolitan Transportation Plan Update</b>	STP	Planning			136.5				
		Update FAST Planning Metropolitan Transportation Plan as required under 23 USC 134 (occurs every 4 years).	FAM				13.5				
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>150.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
31389	TBD	<b>Minnie Street Upgrade</b>	STP	Design		727.8			1,023.4		
		Reconstruct Minnie Street between Illinois Street and Old Steese Highway. Project will include roadside hardware, drainage improvements, intersection improvements, ADA improvements, and utilities. 50% local match / 50% state match	SM			36.1		50.8			
		3PF			36.1		50.8				
				STP	Right-of-Way						1,364.6
				SM						67.7	
				3PF						67.7	
				STP	Utilities						909.7
				SM						45.2	
				3PF						45.2	
				STP	Construction						8,642.2
				SM						428.9	
		3PF						428.9			
<b>Project Total</b>					<b>0.0</b>	<b>800.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,125.0</b>	<b>12,000.0</b>	
24960	TBD	<b>Nelson Road Bicycle &amp; Pedestrian Facility</b>	ILLU	Design						1,153.0	
		Construct a bicycle and pedestrian facility along Nelson Road by adding shoulders or a separated multiuse path.		Right-of-Way					150.0		
				Utilities					770.0		
				Construction					5,919.0		
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>7,992.0</b>	
32398	NFHWY00446	<b>Non-Motorized Plan Update</b>	STP	Planning	136.5						
		Update FMATS Non-Motorized Plan (2012) to improve conditions for bicyclists and pedestrians with the Metropolitan Planning Area.	FAF			33.7					
			FAM		13.5	3.3					
<b>Project Total</b>					<b>150.0</b>	<b>37.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
30106	NFHWY00269	<b>North Pole Streetlight Standardization</b>	BANK	Design	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		16.3						
			STP	Right-of-Way			2.3				
			3PF				0.2				
			STP	Utilities				91.0			
			3PF					9.0			
			STP	Construction					1,169.9		
			AC					1,169.9			
			ACC						-1,169.9		
		3PF				116.1					
<b>Project Total</b>					<b>180.0</b>	<b>0.0</b>	<b>2.5</b>	<b>1,386.0</b>	<b>0.0</b>	<b>0.0</b>	

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30100	NFHWY00158	<b>Old Richardson Highway Intersection Improvements</b> Improve intersections in North Pole at Santa Claus Lane and East 5th Avenue and North Pole High School Boulevard at Old Richardson Highway and 8th Avenue. The railroad crossings will also be improved to current standards.	STP	Design	300.2						
			SM		29.8						
			STP	Right-of-Way				2.3			
			SM				0.2				
			STP	Utilities					2.3		
			SM					0.2			
			STP	Construction					818.7		
			SM					81.3			
<b>Project Total</b>					<b>330.0</b>	<b>0.0</b>	<b>2.5</b>	<b>902.5</b>	<b>0.0</b>	<b>0.0</b>	
32399	NFHWY00463	<b>Road Service Area Expansion Plan</b> Develop plan to expand existing Road Service Areas (RSAs) or create new RSAs to address "orphan roads," including funding to upgrade roads to current standards.	STP	Planning	100.0						
			BANK			100.0					
			FAF			18.2					
			FAM			1.8					
			3PF		50.0						
<b>Project Total</b>					<b>150.0</b>	<b>120.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
30093	NFHWY00246	<b>Sign Replacement - Stage III</b> Replace signs in accordance with each entity's established sign management plans to meet the requirements of the MUTCD.	STP	Design			2.3				
			3PF			0.2					
			STP	Construction				1,455.5			
			AC				1,455.5				
			ACC				-1,455.5				
			3PF				144.5				
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>1,602.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
26087	NFHWY00014	<b>Tanana Loop and South Chandalar Drive Intersections</b> Reconstruct the intersections of Tanana Loop/Alumni Drive, Tanana Loop/South Chandalar Drive, and Salcha Street/South Chandalar Drive including the portions of South Chandalar Drive between the intersections up to Amber Lane and any additional road construction required by intersection improvements. Reconstruct the existing pedestrian facilities and construct new pedestrian facilities on Alumni Drive, Tanana Loop, Salcha Street, and South Chandalar Drive. Project includes roadside hardware, utilities, drainage improvements, intersection improvements, and ADA improvements.	STP	Design	68.2						
			FAF		76.4	40.8					
			FAM		14.4	4.1					
			STP	Construction			2,961.0	207.5			
			CMAQ			184.3					
			AC			207.5					
			ACC				-207.5				
			FAF			137.5					
FAM		346.5									
<b>Project Total</b>					<b>159.0</b>	<b>3,881.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	

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29969	NFHWY00137	<b>Wembley Avenue Improvements</b> <i>Reconstruct Wembley Avenue from Aurora Drive to Danby Street and construct a pedestrian facility. Bicycle and pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</i>	CMAQ	Construction	136.4					
			ACC		-136.4					
			FAF		40.9					
			SM		4.1					
<b>Project Total</b>					<b>40.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
32178	NFHWY00448	<b>Woll Road Resurfacing &amp; Widening</b> <i>Resurface and widen Woll Road from Bradway Road to Ownby Road.</i>	STP	Design	350.2		227.4			
			SM		34.8		22.6			
			STP	Right-of-Way				2.3		
			SM				0.2			
			STP	Utilities						181.9
			SM							18.1
			STP	Construction						2,065.0
			SM							205.2
<b>Project Total</b>					<b>385.0</b>	<b>0.0</b>	<b>250.0</b>	<b>2.5</b>	<b>0.0</b>	<b>2,470.2</b>
99392	NFHWY00139	<b>Yankovich/Miller Hill Road Reconstruction</b> <i>Reconstruct Miller Hill Road and Yankovich Road, and improve existing separated multi-use path as needed. Project work will include roadside hardware, drainage improvements, and utilities.</i>	STP	Design			236.1			
			AC			236.1				
			ACC				-236.1			
			SM			23.4				
			STP	Right-of-Way			112.4			
			AC			112.4				
			ACC				-112.4			
			SM		11.2					
			STP	Utilities				454.9		
			SM				45.2			
			STP	Construction						4,159.1
			AC						4,159.1	
			ACC							-4,159.1
SM						412.9				
<b>Project Total</b>					<b>0.0</b>	<b>383.1</b>	<b>0.0</b>	<b>500.0</b>	<b>4,572.0</b>	<b>0.0</b>

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



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NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
<b>Funding (Revenue) Summary</b>										
		Surface Transportation Program	STP		7,528.1	7,716.3	7,716.3	7,716.3	7,716.3	
		Congestion Mitigation/Air Quality	CMAQ		727.8	727.8	727.8	727.8	727.8	
		Planning	PL		274.6	304.6	304.6	304.6	304.6	
		Transportation Alternatives Program	TAP		188.3	80.1	694.1	0.0	0.0	
		Banking from Previous Year	BANK		555.5	100.0	0.0	0.0	0.0	
					9,274.3	8,928.7	9,442.8	8,748.7	8,748.7	
		<i>This shows the overall match required for the federal funds above.</i>								
		STP Match			747.3	765.9	785.1	765.9	765.9	
		CMAQ Match			72.2	72.2	72.2	72.2	72.2	
		Planning Match			27.3	30.2	30.2	30.2	30.2	
		TAP Match			18.7	7.9	68.9	0.0	0.0	
		Banking Match			55.1	9.9	0.0	0.0	0.0	
					920.6	886.3	956.4	868.4	868.4	
					10,194.8	9,815.0	10,399.2	9,617.1	9,617.1	
<b>Funding (Revenue) Total</b>										
<b>Projected Obligations Summary</b>										
		<b>Fund Code Description</b>	<b>Fund Code</b>		<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	
<b>Federal Summary</b>										
		Surface Transportation Program	STP		7,528.1	7,716.3	7,716.3	7,716.3	7,670.1	
		Congestion Mitigation/Air Quality	CMAQ		727.8	727.8	727.8	727.8	727.8	
		Planning	PL		274.6	304.6	304.6	304.6	304.6	
		Transportation Alternatives Program	TAP		188.3	80.1	694.1	0.0	454.9	
		Banking from Previous Year	BANK		555.5	100.0	0.0	0.0	0.0	
				<i>Federal Subtotal</i>	9,274.2	8,928.8	9,442.8	8,748.7	9,157.4	
		Advanced Construction	AC		2,917.9	5,669.8	1,774.0	5,991.3	4,159.1	
		Advance Construction Conversion (Payback)	ACC		-136.4	-2,917.9	-5,669.8	-1,774.0	-5,991.3	
				<i>AC/ACC Subtotal</i>	2,781.5	2,752.0	-3,895.8	4,217.2	-1,832.1	
<b>Federal Match Summary</b>										
		State Match	SM		706.8	690.1	168.4	695.6	473.1	
		Local Government Match	3PF		872.7	207.0	328.5	384.9	213.9	
		FAST Planning Match	FAM		115.8	395.8	53.7	206.5	40.2	
				<i>Match Subtotal</i>	1,695.4	1,292.9	550.6	1,287.0	727.2	
					10,969.6	10,221.6	9,993.4	10,035.7	9,884.6	
<b>Illustrative Summary</b>										
		Illustrative (Funding Placeholder)	ILLU		0.0	0.0	0.0	0.0	0.0	
					0.0	0.0	0.0	0.0	0.0	
<b>Appropriation Fund Summary (State &amp; Offset Funds)</b>										
		FAST Planning Appropriation Funds	FAF		4,552.1	1,415.6	10.0	10.0	10.0	
				<i>TOTAL</i>	4,552.1	1,415.6	10.0	10.0	10.0	
				<b>GRAND TOTAL</b>	15,521.7	11,637.2	10,003.4	10,045.7	9,894.6	

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NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
<b>FTA Projects within FAST Planning Boundary</b>										
Need ID	Project Description		Fund Code	Fund Type	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
	<b>Urbanized Area Formula Grant - FNSB</b>		FTA	5307	1,325.3	1,325.3	1,368.5			
	Transit operating assistance, and purchase of a bus.		Match		1,123.3	331.3	1,155.5			
	<b>Project Total</b>				<b>2448.7</b>	<b>1656.7</b>	<b>2523.9</b>	<b>0.0</b>	<b>0.0</b>	
	<b>Urbanized Area Formula - ARRC</b>		FTA	5307	20.0	20.0				
	Associated transit improvements.		Match		5.0	5.0				
	<b>Project Total</b>				<b>25.0</b>	<b>25.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>Urbanized Area Formula - ARRC</b>		FTA	5307	200.0	200.0				
	Track rehabilitation.		Match		50.0	50.0				
	<b>Project Total</b>				<b>250.0</b>	<b>250.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>Urbanized Area Formula - ARRC</b>		FTA	5307	200.0	200.0				
	Preventive maintenance.		Match		50.0	50.0				
	<b>Project Total</b>				<b>250.0</b>	<b>250.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>Urbanized Area Formula - ARRC</b>		FTA	5307	40.0	92.0				
	Dispatch Radio Modernization: Upgrade/replace dispatch radios		Match		10.0	23.0				
	<b>Project Total</b>				<b>50.0</b>	<b>115.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>Transit Security - ARRC</b>		FTA	5307	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		10.0	10.0				
	<b>Project Total</b>				<b>50.0</b>	<b>50.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>MACS Fleet Transition to CNG</b>		FTA	5307		1,754.9	1,340.2	1,364.6		
	Transition the MACS fleet to Compressed Natural Gas in accordance with MACS Recommended 10-year Bus Replacement Plan 2019-2028.		Match			438.7	335.0	341.2		
	<b>Project Total</b>				<b>0.0</b>	<b>2193.6</b>	<b>1675.2</b>	<b>1705.8</b>	<b>0.0</b>	
	<b>Rural Transit - FNSB</b>		ILLU	5311	0.0	0.0				
	Operational funding for the gray line.		Match		0.0	0.0				
	<b>Project Total</b>				<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>State of Good Repair - ARRC</b>		FTA	5337	200.0	200.0				
	Preventive maintenance.		Match		50.0	50.0				
	<b>Project Total</b>				<b>250.0</b>	<b>250.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>State of Good Repair - ARRC</b>		FTA	5337	200.0	200.0				
	Track rehabilitation.		Match		50.0	50.0				
	<b>Project Total</b>				<b>250.0</b>	<b>250.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>State of Good Repair - ARRC</b>		FTA	5337	40.0	92.0				
	Dispatch Radio Modernization: Upgrade/replace dispatch radios.		Match		10.0	23.0				
	<b>Project Total</b>				<b>50.0</b>	<b>115.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>Enhanced Mobility for Seniors &amp; Individuals with Disabilities</b>		FTA	5310	80.6	81.6				
	Funding for VanTran service.		FNSB		20.1	20.4				
	<b>Project Total</b>				<b>100.7</b>	<b>102.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>Transit Maintenance Facility Expansion</b>		ILLU	5339						
	Renovation and expansion of the transit maintenance facility, including utility connection and/or storage of CNG.		FTA							
			FNSB							
	<b>Project Total</b>				<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	

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NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
		<b>Van Tran Fleet Transition to CNG</b>	FTA	5310	168.0	113.5	115.1	58.4		
		Transition the Van Tran fleet to Compressed Natural Gas in accordance with Van Tran Recommended 10-year Bus Replacement Plan 2019-2028.	Match		42.0	28.4	28.8	14.6		
		<b>Project Total</b>			<b>210.0</b>	<b>141.9</b>	<b>143.9</b>	<b>72.9</b>	<b>0.0</b>	
		<b>Bus and Bus Facility Allocations - FNSB</b>	FTA	5339	95.2	95.2				
			FNSB		23.8	23.8				
		<b>Project Total</b>			<b>119.0</b>	<b>119.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
		<b>Buses and Bus Facility Competitive Grant</b>	ILLU	5339(b)						
			FNSB							
		<b>Project Total</b>			<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
<b>NHS Projects within FAST Planning Boundary</b>										
Need ID	IRIS	Project Description / Funding Source	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
3843	Z640780000	<b>Airport Way / Cushman Street Intersection Reconstruction</b>	CMAQ	Design	1,637.5					
		Reconstruct the intersection at Airport Way and Cushman Street.	SM		162.5					
			CMAQ	Right-of-Way		4,275.6				
			SM		424.4					
			CMAQ	Utilities			1,091.6			
			SM		108.4					
			CMAQ	Construction						10,712.3
	SM	1,063.3								
<b>Project Total</b>					<b>1,800.0</b>	<b>4,700.0</b>	<b>1,200.0</b>	<b>0.0</b>	<b>11,775.6</b>	
19217	NFHWY00245	<b>Airport Way / Steese Expy /Gaffney Rd / Richardson Hwy Interchange</b>	HSIP	Design	1,100.0					
		Construct a grade-separated facility at the intersection of Gaffney Road, Airport Way, Richardson Highway, and the Steese Expressway (GARS) to improve safety and traffic flow.		Right-of-Way		200.0				
				Utilities		1,000.0				
				Construction				18,000.0	18,000.0	
<b>Project Total</b>				<b>1,100.0</b>	<b>0.0</b>	<b>1,200.0</b>	<b>18,000.0</b>	<b>18,000.0</b>		
15685	Z618720000	<b>Airport Way (West) Improvements</b>	NHPP	Construction			1,187.3	7,000.0		
		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.	AC			7,000.0				
			ACC				-7,000.0			
			SM			812.7				
<b>Project Total</b>				<b>0.0</b>	<b>0.0</b>	<b>9,000.0</b>	<b>0.0</b>	<b>0.0</b>		
25598	Z615970000	<b>Richardson Highway MP 357 - 362 Bicycle/Pedestrian Path</b>	ILLU	Construction						
		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.								
<b>Project Total</b>				<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>4,600.0</b>	
19217	NFHWY00097	<b>Richardson Hwy MP 351 Interchange</b>	HSIP	Design	615.0					
		Replace the existing at grade intersection with an interchange to reduce turning related crashes.		Right-of-Way	500.0					
				Utilities				700.0		
				Construction					19,150.0	
<b>Project Total</b>				<b>1,115.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>19,850.0</b>		

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NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
2130	Z661480000	<b>Richardson Highway MP 353 - 357 Access/Safety Improvements</b> Improve access control on the Richardson Highway between approximate mileposts 353-357. This project will upgrade and extend the existing frontage road system, construct improved at-grade intersections, and eliminate a number of existing access approaches onto the Richardson Highway.	NHPP	Construction	3,910.4	13,266.8				
			AC		13,266.8					
			ACC			-13,266.8				
			SM		1,705.1					
<b>Project Total</b>					<b>18,882.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
28069	Z607340000	<b>Richardson Highway MP 359 Railroad Grade Separated Facility</b> Construct grade-separated crossing at MP 359 of the Richardson Highway to reduce railroad/vehicle conflicts; improve connectivity with the Old Richardson Highway; and provide Fort Wainwright south gate access.	NHPP	Design		1,333.8				
			SM			94.2				
			NHPP	Right-of-Way			181.9			
			SM			18.1				
			NHPP	Utilities				3638.8		
			SM					361.2		
<b>Project Total</b>					<b>0.0</b>	<b>1,428.0</b>	<b>200.0</b>	<b>4,000.0</b>	<b>0.0</b>	<b>21,000.0</b>
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.	AC	Construction			13,645.5			
			SM			1,354.5				
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>15,000.0</b>	<b>0.0</b>	<b>0.0</b>	
30150	NFWHY00020	<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.	NHPP	Right-of-Way	136.5					
			SM		13.5					
			NHPP	Construction		363.9				
			SM			36.1				
<b>Project Total</b>					<b>150.0</b>	<b>400.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
29829	Z607320000	<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.	NHPP	Design	1,886.7	2,274.3				
			SM		187.3	225.8				
			NHPP	Right-of-Way			2,729.1			
			SM				270.9			
			NHPP	Utilities			909.7			
			SM				90.3			
<b>Project Total</b>					<b>2,074.0</b>	<b>2,500.0</b>	<b>4,000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>40,000.0</b>
3821	Z632130000	<b>University Avenue Widening</b> Widen and reconstruct University Avenue to current standards.	AC	Construction					8,187.3	
			SM						812.7	
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>9000.0</b>	<b>8,187.3</b>
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.	NHPP	Construction				8,187.3	8,187.3	
			AC				16,374.6			
			ACC					-8,187.3	-8,187.3	
			SM			1,625.4				
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>18000.0</b>	<b>0.0</b>	<b>0.0</b>	
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.	NHPP	Construction		9,343.9				
			SFF			8,850.1				
			SM			1,806.0				
<b>Project Total</b>					<b>0.0</b>	<b>20000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	

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<b>Other Major Projects Within FAST Planning Boundary</b>										
Need ID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
26076	NFHWHY00124	<b>Aurora Drive- Noyes Slough Bridge</b> Replace the Noyes Slough bridge on Aurora Drive in Fairbanks	STP SM STP SM	Right-of-Way  Utilities		354.8 35.2 272.9 27.1				
<b>Project Total</b>					<b>0.0</b>	<b>690.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>7,250.0</b>
19217	NFHWHY00096	<b>Badger Road Two Way Left Turn Lane</b> Upgrade Badger Road between Dennis Road and Hurst Road to accommodate a two way left turn lane. Accommodating the two way left turn lane may require road widening. Additional work will include signing, striping, drainage, and utilities.	HSIP	Design Utilities Construction	500.0 150.0 19,130.0					
<b>Project Total</b>					<b>19,780.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
27542	NFHWHY00289	<b>Chena Hot Spring Road MP 0-6</b> Rehabilitate Chena Hot Spring Road.	STP AC ACC SM STP SM STP AC ACC SM	Design   Utilities  Construction	1,071.6 545.8  106.4  227.4 22.6  5,194.0 13,194.0  1,806.0	545.8  -545.8     8,194.0 13,194.0  1,806.0		8,194.0      -8,194.0 -5,000.0	5,000.0        -5,000.0	
<b>Project Total</b>					<b>1,723.8</b>	<b>20,444.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
31656	NFHWHY00016	<b>Chena Pump Road Bike &amp; Pedestrian Facility Rehabilitation</b> Rehabilitate the existing Chena Pump Road bicycle path between Dartmouth Drive and the Pump House Restaurant. Improvements include widening Chena Pump Road shoulders between the Pump House Restaurant and Grebe Drive, bridge work on the Cripple Creek pedestrian bridge, drainage and roadside hardware.	CMAQ  SM	Construction		1,455.5  144.5				
<b>Project Total</b>					<b>0.0</b>	<b>1,600.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
19217	Z772770000	<b>College Road Median Extension</b> Install a separate right turn lane for westbound traffic at the intersection of College Road/Old Steese Highway, and a new right turn lane creating dual rights for eastbound traffic at the intersection of College Road/Steese Expressway.	HSIP	Construction	520.0					
<b>Project Total</b>					<b>520.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
31878	NFHWHY00424	<b>Fairbanks North Pole Serious SIP</b> Development of the Fairbanks/North Pole Serious SIP, including development of a mobile source emission budget for the nonattainment area and FAST Planning to ensure the area remains eligible for federal highway funds.	STP SM	Planning	946.1 93.9	946.1 93.9	946.1 93.9			
<b>Project Total</b>					<b>1,040.0</b>	<b>1,040.0</b>	<b>1,040.0</b>	<b>0.0</b>	<b>0.0</b>	
30369	NFHWHY00155	<b>Northern Region ADA Reconnaissance &amp; Improvements</b> Design and Construct improvements recommended by the	STP SM	All	136.5 13.5	318.4 31.6	2,137.8 212.2	1,910.4 189.6	1,592.0 158.0	
<b>Project Total</b>					<b>150.0</b>	<b>350.0</b>	<b>2,350.0</b>	<b>2,100.0</b>	<b>1,750.0</b>	<b>34,000.0</b>

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**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM  
Amendment #3, Draft 07.10.20 - OPTION A**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
19217-4	Z634670000	<b>Steesse Hwy/Chena Hot Springs Rd Ramp Termini Roundabouts</b>	HSIP	Utilities		150.0				
		Construct roundabouts at the interchange ramp termini for the Steesse Highway at Chena Hot Springs Road.	HSIP	Construction		5,000.0				
<b>Project Total</b>					<b>0.0</b>	<b>5,150.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
26082	Z624870000	<b>Old Steese Highway Reconstruction</b>	STP	Design			909.7			
		Reconstruct the Old Steese Highway from Wendell Avenue Bridge to, and including, the intersenction at the Johansen Expressway.	SM			90.3				
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>1,000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>20,000.0</b>
6359	Z632910000	<b>Wendell Avenue Bridge Replacement</b>	SFF	Utilities		91.0				
		Replace the Wendell Avenue Bridge and rehabilitate Wendell Avenue/Old Steese Highway between the Clay Street and 3rd Street intersections. In addition provide pedestrian and bicycle access from the Graehl and Chena Riverwalk Parks to the bridge. Project work will include roadside hardware, utilities, drainage and ADA improvements.	SM			9.0				
			SFF			17,698.4				
			SM	Construction		1,756.8				
<b>Project Total</b>					<b>0.0</b>	<b>19,555.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
<b>CMAQ PROJECTS</b>										
Need ID	IRIS	Project Description / Funding Source	Phase	Fund Code	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
27010	Z617630000	<b>Northern Region Signal Interconnect</b>	ACC	Construction	-605.5					
		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		4,548.5	4,623.5	4,548.5	4,473.5	4,548.5	
			SM		451.5	451.5	451.5	451.5	451.5	
<b>Project Total</b>					<b>4,394.5</b>	<b>5,075.0</b>	<b>5,000.0</b>	<b>4,925.0</b>	<b>5,000.0</b>	<b>5,000.0</b>
26161	Z605660000	<b>Fairbanks Air Quality Planning Project</b>	CMAQ	All	72.8	72.8	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	7.2	7.2	7.2	
<b>Project Total</b>					<b>80.0</b>	<b>80.0</b>	<b>80.0</b>	<b>80.0</b>	<b>80.0</b>	<b>160.0</b>
29232	NFHWY00141 NFHWY00142 NFHWY00407	<b>Committed Measures for the Fairbanks SIP</b>	CMAQ	All	1,728.4	1,728.4	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. [FFY19 - Carlson Center, Fairbanks & North Pole Libraries, and Big Dipper Plug-in's]	SM		171.6	171.6	171.6	171.6	171.6	
<b>Project Total</b>					<b>1,900.0</b>	<b>1,900.0</b>	<b>1,900.0</b>	<b>1,900.0</b>	<b>1,900.0</b>	<b>3,800.0</b>
18791	Z633860000 Z607090000 Z607110000	<b>Statewide Congestion and Mitigation Air Quality</b>	CMAQ	All	3,211.2	3,211.2	3,211.2	3,211.2	3,211.2	
		The Department will work with DEC and appropriate local authorities to develop sub-allocations. Provide CMAQ funds to address non-attainment and maintenance measures in the Air Quality Statewide Improvement Program. [Fairbanks Area Signal Timing Upgrades, FNSB Air Quality Education Outreach, Statewide Implementation Plan]	SM		318.8	318.8	318.8	318.8	318.8	
<b>Project Total</b>					<b>3,530.0</b>	<b>3,530.0</b>	<b>3,530.0</b>	<b>3,530.0</b>	<b>3,530.0</b>	<b>7,060.0</b>

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