



## TECHNICAL COMMITTEE MEETING

Wednesday, June 2, 2021, 12:00 – 2:00 P.M.

**To join the Zoom Meeting via computer, go to:** [www.fastplanning.us/keepup/zoom](http://www.fastplanning.us/keepup/zoom)  
**Zoom Meeting Phone Number:** 1 (253) 215-8782, enter Meeting ID 818-5033-0707

1. Call to Order
2. Introduction of Members and Attendees
3. Approval of the June 2, 2021 Agenda
4. Approval of the May 5, 2021 Meeting Minutes Pg 2-8
5. Committee/Working Group Reports (including the Chair's Report) Pg 9-10
6. Public Comment Period (Non-Action Items)
7. Old Business
  - a. Fairbanks Road/Rail Crossing Reduction/Realignment Plan
    - Website tour; 45-day public comment period
8. New Business
  - a. FFY2022 FAST Improvement Program (Surface Upgrades) Priorities Pg 11-12
  - b. Transportation Improvement Program (TIP) Administrative Modification #4 (Action Item)
    - Review of project funding adjustments and consideration of approval of TIP Pg 13-41  
Administrative Modification #4
9. Other Issues
10. Informational Items
  - a. Obligations and Offsets Pg 42-45
11. Committee Member Comments
12. Adjournment

Next Scheduled Technical Committee Meeting – Wednesday, July 7, 2021



## TECHNICAL COMMITTEE

### Meeting Minutes – May 5, 2021

Zoom Meeting URL: <https://fastplanning.us/keepup/zoom/>

Telephone Number: 1 (253) 215-8782, Meeting ID: 878 1090 6277

#### 1. Call to Order

Jackson Fox, Chair, called the meeting to order at 12:00 p.m.

#### 2. Introduction of Members and Attendee

The following were present:

<b>Name</b>	<b>Representing</b>
*Jackson Fox, Chair	FAST Planning
*Olivia Lunsford, Vice Chair	FAST Planning
**Andrew Ackerman	City of Fairbanks Engineering
**Bob Pristash	City of Fairbanks Engineering
**Bill Butler	City of North Pole
**Steven Hoke	ADEC Air Quality
**Kate Dueber	Alaska Railroad Corporation
**Judy Chapman	DOT&PF Planning
**Sarah Schacher	DOT&PF Preconstruction
**John Perreault (absent)	FNSB Planning Commission
**Kellen Spillman	FNSB Community Planning
**Michelle Denton	FNSB Transportation
**John Weinberger	Fort Wainwright Planning
**Justin Burgess	AES Transportation
**Jakob Theurich	UAF
*Deborah Todd	FAST Planning
*Don Galligan	FNSB Community Planning
*Randi Bailey	DOT&PF Planning
Peter Stern	BPAC
John Netardus	DOT&PF
Adam Moser	DOT&PF
Carl Heim	DOT&PF
Phoebe Bredlie	Kinney Engineering
Jeannie Bowie	Kinney Engineering
JoAnn Mitchell	Kinney Engineering
Matthew Stone	HDR Engineering
Michael Lukshin	FHWA
Corey DiRutigliano	Bettisworth North
Jewelz Barker	Catalyst Communications
Andrew Ooms	Kittelson & Associates

\* **FAST PLANNING Staff members**

\*\* **FAST PLANNING Technical Committee members**

### 3. Approval of the May 5, 2021 Agenda

**Motion:** To approve the May 5, 2021 Technical Committee Agenda. (Chapman/Denton).

**Discussion:** No further discussion.

**Vote on Motion:** None opposed. Approved.

### 4. Approval of the April 7, 2021 Meeting Minutes

**Motion:** To approve the April 7, 2021 Meeting Minutes. (Denton/Chapman).

**Discussion:** No discussion.

**Vote on Motion:** None opposed. Approved.

### 5. Committee/Working Group Reports (including the Chair's Report)

Mr. Fox noted the following updates:

- Received a letter from Governor Dunleavy's office approving the MPO boundary adjustment adding the Chena and Tanana Lakes Recreation Areas.
- Special Policy Board Meeting motion failed to advance the letter regarding snowmachine/ATV use on public roads to the Department of Safety.
- The letter regarding the Chena River Walk Project was transmitted to the Alaska Railroad and an official response was requested by June 30, 2021.
- The Policy Board authorized FAST Planning to apply for the Bloomberg Grant Opportunity for the Asphalt Art Initiative on 5<sup>th</sup> Avenue and Lacey Street.
- The Bicycle/Pedestrian Advisory Committee recommended approval of the Non-Motorized Plan as presented at the April 29, 2021 meeting.
- FAST Planning received a letter from Representative Don Young's office that the Cowles Street Reconstruction Project was submitted as an earmark under the Transportation Reauthorization Bill to the Chairman of the House Transportation Committee and the project had Representative Young's support.

### 6. Public Comment Period (Non-Action Items)

**John Netardus of DOT** commented that he wanted to provide the Technical Committee with updates on his projects. Mr. Netardus explained that DOT was awarding FAST Planning Sidewalks 2019 Project for Loftus Road sidewalks, the little patch in front of the Carlson Center, Snowman Lane, and the North Pole High School Boulevard sidewalks. Mr. Netardus explained that both the Growden Park Path Project putting a path from 2<sup>nd</sup> Avenue to Stewart Street and the FAST Intersection Improvements 2021 Project improving the left turn lane from west Tanana Loop onto Sheep Creek Road Extension and adding a right turn lane off Chena Pump Road at Chena Point Avenue went out to bid. Mr. Netardus explained that for the FAST Area Surface Upgrades Parent Project and they had skipped a year on putting the PM jobs out this summer, but he thought they had money for next summer, so he wanted to get with either this committee or the subcommittee to make sure that future priorities remained the same even though they missed a year. Mr. Netardus explained that he also wanted to let them know that the parent projects for FAST Sidewalks and FAST Intersections was ending this year so if they wanted those projects to keep going, they needed to start a new Phase 2 for those projects.

Mr. Fox stated that he would schedule a subcommittee meeting for that and provide an update at the next Technical Committee meeting on what was discussed.

Mr. Butler commented that he wanted to be notified when the DOT&PF had Preconstruction Meetings because for the last several projects that occurred, they had

not known who the contractors were or even been aware of when those projects started.

Mr. Netardus stated that he would put the City of North Pole, Fairbanks North Star Borough, and City of Fairbanks on the list so they would be notified when those meetings were coming.

## 7. Old Business

### a. Non-Motorized Plan Update (Action Item)

- ***Review of public comment responses and consideration of adoption of revised Plan***

Mr. Fox explained that the meeting packet included the summary of comments received from the 30-day public review of the Non-Motorized Plan and the responses to each comment. Mr. Fox explained that in general, the comments were supportive of the Non-Motorized Plan Update, but some minor revisions were made as a result of those comments. Mr. Fox then explained the revisions that were made to the document.

**Public Comment:** No public comment.

**Motion:** To recommend to the Policy Board to approve the Non-Motorized Plan Update as presented. (Denton/Pristash).

**Discussion:** Mr. Ackerman recommended that since it was large, the Plan should be broken into separate segments with links to each segment so people could easily access it.

Ms. Schacher stated that she was concerned about not addressing the maintenance challenges that they had directly in the Plan. Ms. Schacher explained that she understood it was in the Appendix and PDC had done a great job of capturing all the issues, but it was not made clear in the Plan about the real challenges our agencies were facing. Ms. Schacher explained that she just felt that it was setting the public up for expectations of facilities and services that they might not be able to deliver on which history had shown, they could not.

Ms. Schacher explained that about two weeks ago they had an issue with DOT, Borough, and City of Fairbanks about maintaining flashing beacons on the Growden Park Project and they were ready to pull them from the project if they could not figure it out. Ms. Schacher stated that these were things that happened after a project was initiated. Ms. Schacher stated that it was not just one beacon, and all the agencies were not receiving revenue dedicated to maintenance let alone maintenance for non-motorized facilities. Ms. Schacher stated that she thought this a great plan and a lot of great thought and effort had gone into it. Ms. Schacher stated that it was an issue that faced all our agencies and was concerned that there were projects in this Plan that would never see the light of day simply because of this issue. Ms. Schacher suggested that we be a little more direct about this challenge. Ms. Schacher stated that it was a difficult challenge that was at the Legislature, at the Assembly, and at City Council. Ms. Schacher stated that our community needed to come together to decide what we were going to pay for or suffer a result in facilities or services as a result. Ms. Schacher stated that maybe they should add text to make that caveat clear. Ms. Schacher stated that she knew this has been through the Policy Board already and she might be

overspeaking on DOT, but she also thought the Policy Board would have that same understanding and would appreciate such an addition.

Mr. Spillman stated that he reviewed the Plan and thought it was a good plan. Mr. Spillman stated that he thought it was interesting that the Non-Motorized Planning efforts received more comments than the Motorized Plan. Mr. Spillman stated that he thought what Ms. Schacher had said the Borough did not have money set aside for maintenance either. Mr. Spillman explained that the City Ordinance regarding property owners maintaining the sidewalks adjacent to their properties seemed like they could enforce it to reduce maintenance costs and a lot of other public entities nationwide had been successful with that model and reducing the maintenance cost of their non-motorized facilities.

**Amendment to the Motion:** To add a maintenance section that addresses the real budgetary issues affecting local government and maintenance of these facilities. (Chapman/Pristash).

**Discussion:** Mr. Ackerman stated he generally supported the amendment but one thing that he took a slightly different perspective on was that it did not need to be budgeted but he was not sure if it was so much an issue of local and state funding availability as it was prioritization. Mr. Ackerman stated that the bottom line was that it needed to be spelled out more clearly what it took to maintain these facilities and, if they were not prioritized and budgeted for, what the expectations would need to be.

Ms. Schacher commented that she agreed with what Mr. Ackerman said and that it was a matter of how they prioritized the resources all their agencies were allocated. Ms. Schacher stated that she recalled that there was a suggestion in the Non-Motorized Plan for agencies to create dedicated budgets for non-motorized facilities. Ms. Schacher stated that she thought that was a direction that could produce some traction because she did not think any of their agencies could say how much they spent exactly on non-motorized facilities nor were they well-equipped to necessarily go ask for budget increments to provide and improve levels of service for non-motorized facilities or because they inherited additional non-motorized facilities. Ms. Schacher stated that she thought they were headed in the right direction pointing to all these things and she supported this amendment. Ms. Schacher stated that she did not think it would be a lot of work for the Consultant to get some wording in and was sure that each of their agencies would be happy to input on some bullet points that they would feel comfortable adding or review something they came up.

Mr. Fox stated that it would be very helpful.

Mr. Pristash stated that he did not think it would hurt in a public document to maybe not emphasize, but at least make the public aware, that with the project the capitol cost was one thing, but the maintenance of these items was something else. Mr. Pristash stated that also, if it were in the document, it would help him present those things to the Council, so he really did not see a downside to adding this to the document.

**Vote on Amendment to the Motion:** None opposed. Approved.

**Discussion:** Mr. Spillman commented that he wanted to discuss High Priority Project #23, the College Road Road Diet. Mr. Spillman stated that the wounds

were still fresh from the 2014 effort they spent a lot of time and FAST Planning money on this project. Mr. Spillman asked what the strategy was to implement a successful project and not go through another failed effort.

Mr. Fox stated that he did not have an exact answer for Mr. Spillman but was currently negotiating with Kittelson to do an Update to the Metropolitan Transportation Plan. Mr. Fox explained that if the project moved forward as a high priority project in the Non-motorized Plan, it would be accelerated to a short-range project in the updated Metropolitan Transportation Plan. Mr. Fox stated that if that occurred, he thought they would have to develop a public outreach plan if they wanted to see that project get through to construction and FAST Planning could lead that discussion. Mr. Fox explained that the one thing that had changed from 2014 when this project was removed, and the project kept the four-lane configuration was that there was a Safety Audit on Badger Road related to access management and number of driveways on Badger Road. Mr. Fox stated that they converted the roadway from a four-lane to a three-lane road with a turn lane. Mr. Fox explained that it had reduced the number of crashes on that road it the road felt safer as you drove down it. Mr. Fox stated that, with that perspective, he thought the public could generalize College Road being somewhat similar. Mr. Fox stated that he had not heard negative comments about Badger Road since the road was built. Mr. Fox explained that no planning effort was underway, but it was something they could begin working on at FAST Planning.

Ms. Schacher asked Mr. Fox where the name “College Road Complete Streets” came from and asked that because she thought terminology matters and she was not sure that the road still functioned as an arterial. Ms. Schacher stated that they had already done the analysis that there was a capacity there for one lane and should they rebrand the project for all users.

Mr. Fox stated that was an excellent question and he did not have an answer for where that title came from and believed that at some point this project was removed from and then added back to the Plan but agreed that the project name was not consistent with the need there on College Road. Mr. Fox suggested that it could be called “College Road Safety and Access Improvements.” Mr. Fox stated that the objective was to convert it from four to three lanes with a center turn lane to reduce conflicts with bicyclists and pedestrians on that road. Mr. Fox stated that someone could suggest a motion to rename that project.

**Amendment to the Motion:** To rename High Priority Project #23 as “College Road Safety and Access Improvements.” (Chapman/Schacher).

**Discussion:** No further discussion.

**Vote on Amendment to the Motion:** None opposed. Approved.

**Amended Motion:** To recommend to the Policy Board to approve the Non-Motorized Plan Update as presented, add a maintenance section that addresses the real budgetary issues affecting local governments and maintenance of these facilities, and rename High Priority Project #23 as “College Road Safety and Access Improvements”.

**Vote on Amended Motion:** None opposed. Approved.

## 8. New Business

### a. Fairbanks Road/Rail Crossing Reduction/Realignment Plan (Action Item)

- **Consideration of Releasing Document for 30-day Public Comment Period**

Mr. Fox introduced Phoebe Bredlie of Kinney Engineering to provide an update for the Fairbanks Road/Rail Crossing Reduction/Realignment Plan. Ms. Bredlie presented and explained the 15 crossings that were selected for improvement.

**Motion:** To extend the meeting to 2:30 pm. (Pristash/Chapman).

**Vote on Motion:** None opposed. Approved.

**Public Comment:** No public comment.

**Motion:** To recommend to the Policy Board to release the Road/Rail Crossing Reduction/Realignment Plan for public comment. (Chapman/Weinberger).

**Discussion:** Mr. Spillman commented that his concern was that the agreed to long-term plan of the Railroad main line was not discussed in this plan.

**Amendment to the Motion:** To include a statement in the body of the plan about this being a short-term plan and the long-term plan is relocation of the rail line around the Fairbanks area. (Spillman/Pristash).

**Discussion:** No further discussion.

**Vote on Amendment to the Motion:** None opposed. Approved.

**Amended Motion:** To recommend to the Policy Board to release the Road/Rail Crossing Reduction/Realignment Plan for public comment, and to include a statement in the body of the plan about this being a short-term plan and the long-term plan is relocation of the rail line around the Fairbanks area.

### b. Gaffney/Airport/Richardson/Steese (GARS) Intersection Project Update

Mr. Fox introduced Carl Heim of DOT to provide an update for the Gaffney/Airport/Richardson/Steese (GARS) Intersection Project.

## 9. Other Issues

No other issues.

## 10. Informational Items

### a. Obligations and Offsets

Mr. Fox explained the obligations and offsets included in the meeting packet.

### b. Rebuilding American Infrastructure with Sustainability & Equity (RAISE Grant Opportunity (formerly TIGER/BUILD Grant) -Applications due July 12, 2021

Mr. Fox explained the RAISE Grant opportunity from the US DOT was now open and applications were due on July 12, 2021. Mr. Fox stated that project criteria added was that the project must demonstrate improvements to racial equity, reduce impacts of climate change, and create good paying jobs.

## 11. Technical Committee Member Comments

- No comments.

**12. Adjournment**

**Motion to Adjourn:** (Spillman/Weinburger). The meeting adjourned at 2:27 p.m. The next Technical Committee meeting is Wednesday, June 2, 2021.

**Approved:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Jackson Fox, Chair**  
**FAST Planning Technical Committee**

## 2021 Bike and Ped Count Locations

5/27/2021

1	Badger Road	Old Richardson Hwy	
2	Badger Road	Hurst Road	
3	Barnette St	Airport Way	Reserved
4	Chena Pump Road	Chena Ridge Road	Reserved
5	Chena Pump Road	Chena Small Tracts	Reserved
6	College Road	Farmers Market/Caribou Way	Reserved
7	College Road	Johansen Expy	
8	Cowles St	Airport Way	Reserved
9	Cushman	Airport Way	Reserved
10	Cushman	1st	Reserved
11	Dawson Rd	Plack Rd	
12	F street	Trainor Gate	Reserved
13	Fairbanks Street	Geist	Reserved
14	Farmers Loop	Ballaine	Reserved
15	Farmers Lp/University	College Road/Alumni Dr	Reserved
16	Geist	Parks Highway	Reserved
17	Goldhill Road	Sheep Creek Rd Ext	Reserved
18	Illinois	Minnie	Reserved
19	Lathrop	23rd/Davis	Reserved
20	Nordale Rd	Badger Rd	
21	Old Richardson	5th Ave. (North Pole)	
22	Old Steese	Trainor Gate	Reserved
23	Old Steese	Johansen Expy	
24	Peger Road	Airport Way	Reserved
25	Peger Road	Philips Field Road	Reserved
26	Peger Road	Johansen Expy	Reserved
27	Peger Road	Mitchell Expy	Reserved
28	Sheep Creek	Parks Highway	Reserved
29	Steese Expy	Airport Way	Reserved
30	Steese Expy	Farmers Loop	Reserved
31	Steese Expy	Johansen Expy	Reserved
32	Steese Expy	College Road	
33	Steese Expy	3rd street	
34	University Ave	Airport Way	Reserved
35	University Ave	Geist/Johansen	Reserved
36	Yankovich	LARS	Reserved

**Policy Board  
Action Items  
May 19, 2021**

**Motion:** To accept the Non-motorized Plan Update as presented. (Matherly/Welch).


**Amendment:** To replace the phrase “...with three vehicle lanes...” with “...to address safety and access management...” in the College Road project description. (Ward/Tomaszewski).  
None opposed. Approved.

**Amended Motion:** To accept the Non-motorized Plan Update as presented and replace the phrase “...with three vehicle lanes...” with “...to address safety and access management...” in the College Road project description. None opposed. Approved.

**Motion:** To accept the Fairbanks Road/Rail Crossing Reduction/Realignment Plan as presented and release for public comment. (Matherly/Edwards).

**Amendment:** To amend the comment period to 45 days. (Ward/Welch). None opposed.  
Approved.

**Amended Motion:** To accept the Fairbanks Road/Rail Crossing Reduction/Realignment Plan as presented and release for public comment and amend the comment period to 45 days.  
None opposed. Approved.



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**Ryan Anderson, P.E.**  
Chair, Policy Board

5/20/2021

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Date

**FAST Improvement Program FFY21 Priorities**

Policy Board approved October 16, 2019

<b>City of Fairbanks</b>	Dunbar Avenue (A to C Street)	\$ 271,000	City Priority #1, repave w/ storm drain improvements
	Eureka Avenue (Hamilton Avenue to E Street)	\$ 648,000	City Priority #2, repave w/ storm drain improvements
	Pratt Avenue (2nd to Front Street)	\$ 49,787	City Priority #5, repave w/ drainage improvements (ditches)
<b>City of North Pole</b>	CONP Driveway Aprons	\$ 757,931	Previously nominated, reduced to 157 driveway locations and 8 alley approaches
<b>Total</b>		<b>\$ 1,726,718</b>	

**FFY21 Contingency Projects (pending available funding)**

<b>FNSB Parks &amp; Recreation</b>	2nd Avenue Dog Park Access Road	\$ 88,374	Gravel to pavement, consider repaving adjacent path
	South Cushman Extension	\$ 137,782	New E-1 gravel surface, needs match and maintenance commitment
<b>Alaska DOT&amp;PF</b>	Phillips Field Road Path (University Avenue to Peger Road)	\$ 297,631	BPAC nomination, repave, includes ~\$54k in fence replacement
<b>Total</b>		<b>\$ 523,787</b>	

**FAST Improvement Program FFY22 Priorities**

<b>FNSB Rural Services</b>	Aztec Road Service Area Priority #1 Roads		
	Charolette Road	\$ 174,244	Repave
	Choctaw Road	\$ 139,349	Repave
	Glenn Street	\$ 168,164	Repave
	Ione Street	\$ 72,908	Repave
	Pueblo Street	\$ 150,764	Repave
	Shoshone Drive	\$ 126,130	Repave
	Vicki Lane	\$ 296,721	Repave, lowest priority in road group
	Aztec Road Service Area Priority #2 Roads		
	Copper Street	\$ 435,587	Repave
Aztec Road	\$ 285,676	Repave, lowest priority in road group	
<b>Total</b>		<b>\$ 1,849,543</b>	

**FAST Improvement Program Future Contingency Projects**

<b>City of Fairbanks</b>	4th Avenue (Bonnifield to Barnette Street)	\$ 450,000	City Priority #3, repave w/ storm drain improvements and sidewalk replacement
	8th Avenue (Cowles to Barnette Street)	\$ 260,000	City Priority #4, repave w/ storm drain improvements
	Chena Landing Loop Path	\$ 39,845	BPAC nomination, repave, needs match and maintenance commitment
<b>Alaska DOT&amp;PF</b>	Mitchell Expressway Path (Geist to Loftus to Steelhead Road)	\$ 624,616	Repave, includes ~\$220k in fence replacement
	Farmer's Loop Extension Path	TBD	BPAC nomination, repave
<b>UAF</b>	Steese Highway Path (Johansen Expy to Trainor Gate Rd)	TBD	BPAC nomination, repave
	Tanana Drive (Yukon to North Tanana Drive)	\$ 236,670	Previously nominated, needs match commitment
<b>Total</b>		<b>\$ 1,611,132</b>	

## Jackson Fox

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**To:** Netardus, John J (DOT)  
**Subject:** RE: FAST Planning Technical Committee Mtg, 6/2 - Call for Agenda Items

**From:** Netardus, John J (DOT) <john.netardus@alaska.gov>

**Sent:** Friday, May 28, 2021 2:38 PM

**To:** Jackson Fox <jackson.fox@fastplanning.us>

**Cc:** Woolery, Patrick F (DOT) <patrick.woolery@alaska.gov>; Schacher, Sarah E (DOT) <sarah.schacher@alaska.gov>

**Subject:** RE: FAST Planning Technical Committee Mtg, 6/2 - Call for Agenda Items

Jackson,

Please see the new, fresh numbers for the projects below. There are multiple options for some improvements as well as two columns that show costs with and without a 25% contingency. If we choose priorities with the 25% numbers, they will all likely (99%) make it into the final plan set for construction. If we choose priorities using no contingency, we can squeeze more in now but may have to chop one out later if costs increase beyond our allocated funding level.

### FAST Improvements FFY2021

5/28/21

Road Name	Estimated by	With 0% Contingency	With 25% Contingency	Notes
Dunbar Ave A to C Street	City of Fairbanks	\$282,000	\$352,500	
Eureka Ave Hamilton to E	City of Fairbanks	\$674,000	\$842,500	
Pratt Ave 2 <sup>nd</sup> to Front	DOT&PF	\$41,500	\$52,000	Crushed Aggregate Base Course – Grinding up the existing surface, add 2" HMA on top. Ditching and seeding. (COF estimate: \$39,600)
North Pole Driveways 5 ft. Aprons	DOT&PF	\$465,400	\$581,000	Assumes 10% of the driveways will require pavement removal.
North Pole Driveways 3 ft. Aprons	DOT&PF	\$438,200	\$548,000	(see above)
2 <sup>nd</sup> Ave. Dog Park Access - Paved	DOT&PF	\$78,000	\$97,500	Excavate 8", fill with 6" D1 and 2" HMA
2 <sup>nd</sup> Ave. Dog Park Access - Gravel	DOT&PF	\$48,800	\$61,000	Excavate 6", replace with 2" D1 base layer and 4" E1 on top.
South Cushman Extension	DOT&PF	\$110,300	\$137,900	No excavation in estimate. Add 6" of E1.
Phillips Field Path	DOT&PF	\$201,000	\$251,000	Grind and repave the Bike/Pedestrian path adjacent to Johansen Expy.

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM  
Administrative Modification #4, DRAFT 05.28.2021**

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						
			FAF			205.9					
			3PF		29.4		31.3				
			STP	Right-of-Way				121.8			
			3PF				12.1				
			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>347.1</b>	<b>133.9</b>	<b>2,151.3</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	Construction			1,010.7				
			SM				100.3				
<b>Project Total</b>					<b>330.0</b>	<b>170.0</b>	<b>1,111.0</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. <i>50% local match / 50% state match</i>	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>	
32278	TBD	<b>Bike Lane Striping &amp; Signing</b> Signing and striping of existing paved shoulders withing 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>	

**FAST Planning 2019 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM  
Administrative Modification #4, DRAFT 05.28.2021**

NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
26078	NFHWY00280	<b>Chena River Walk Stage III</b> <i>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. 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> <i>Construct new bus stop facilities along College Road. Work includes roadside hardware, drainage improvements, ADA improvements and utilities. 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>	
22765	NFHWY00576	<b>Coordinators Office</b> <i>Funding for the FAST Planning Coordinator's office which supports delivery of the FAST Planning's program.</i>	STP	Planning	106.1	100.0	100.0	100.0	100.0		
			PL		274.6	304.6	321.2	321.2	321.2		
			FAM		37.8	40.2	41.8	41.8	41.8		
			FAF		10.0	10.0	10.0	10.0	10.0		
<b>Project Total</b>					<b>428.5</b>	<b>454.8</b>	<b>473.1</b>	<b>473.1</b>	<b>473.1</b>	<b>0.0</b>	

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NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
30012	NFHWY00126	<b>Cowles Street Reconstruction</b> <small>Reconstruct Cowles Street from 1st Avenue through East Cowles Street. Project work will include roadside hardware, drainage improvements, intersection improvements, ADA improvements and utilities. 50% local match / 50% state match. Pedestrian facilities that are not exclusively recreational and reduce vehicle trips are eligible under CMAQ.</small>	STP	Design	136.5	52.6	50.5	341.1			
			FAF		325.7	28.8					
			AC			50.5	341.1				
			ACC				-50.5	-341.1			
			SM		22.9	6.5	16.9				
			3PF		22.9	6.5	16.9				
			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							7,227.5
			CMAQ								727.8
			3PF								
SM									394.8		
<b>Project Total</b>					<b>508.0</b>	<b>394.5</b>	<b>375.0</b>	<b>0.0</b>	<b>209.4</b>	<b>8,745.0</b>	
38471	Z622070000	<b>Cushman Street Bridge Rehabilitation</b> <small>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.</small>	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>0.0</b>	<b>5,302.5</b>	<b>0.0</b>	<b>0.0</b>	
31516	NFHWY00425	<b>Fairbanks Road/Rail Crossing Reduction/Realignment Plan</b> <small>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.</small>	BANK	Planning	136.5						
			FAF		318.4		47.6				
			FAM		13.5		4.7				
			SM		31.6						
<b>Project Total</b>					<b>500.0</b>	<b>0.0</b>	<b>52.3</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	
19096 32818	NFHWY00434 NFHWY00506 NFHWY00603	<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	152.3				
			SM		86.1	15.9					
			3PF		186.7	86.6	15.1	100.5			
<b>Project Total</b>					<b>2,944.1</b>	<b>1,522.6</b>	<b>167.5</b>	<b>1,448.6</b>	<b>0.0</b>	<b>0.0</b>	
30229	NFHWY00271 NFHWY00524	<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	Utilities			4.5				
			SM			0.5					
			STP	Construction	132.3		268.4				
			FAF			220.9					
			3PF		13.1	21.7	26.6				
<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>	

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NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
30096 32078	NFHWY00282 NFHWY00454 NFHWY00559	<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	94.7					
			TAP				694.1				
			FAF				146.5	30.0			
			3PF		221.4	23.9	155.2				
			ACC			-1,074.7	-94.7				
			CMAQ			313.8	727.8				
			STP		1,155.5	760.9	112.0				
<b>Project Total</b>					<b>2,864.2</b>	<b>353.2</b>	<b>1,624.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
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>	

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		
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 separated path as needed.	STP	Utilities	527.6							
			FAF		108.8	136.3						
			SM		63.2	13.5						
			STP	Construction					5,127.7			
			AC			4,741.6						
			ACC						-4,741.6			
			SM			385.4		38.3				
<b>Project Total</b>					<b>699.6</b>	<b>5,276.8</b>	<b>424.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>		
33138	NFHWY00596	<b>Metropolitan Transportation Plan Update</b> Update FAST Planning Metropolitan Transportation Plan as required under 23 USC 134 (occurs every 4 years).	STP	Planning					149.6			
			FAM						14.8			
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>164.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>		
31389	NFHWY00509	<b>Minnie Street Upgrade</b> 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	STP	Design		727.8				1,023.4		
			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> Construct a bicycle and pedestrian facility along Nelson Road by adding shoulders or a seperated multiuse path.	ILLU	Design						1,153.0		
				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>		

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
32398	NFHWY00446	<b>Non-Motorized Plan Update</b> Update FMATS Non-Motorized Plan (2012) to improve conditions for bicyclists and pedestrians with the Metropolitan Planning Area.	STP	Planning	136.5					
			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> 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.	BANK	Design	163.7					
			3PF		16.3					
			STP	Right-of-Way				2.3		
			3PF					0.2		
			STP	Utilities				91.0		
			3PF					9.0		
			STP	Construction					1,169.9	
			3PF						116.1	
<b>Project Total</b>	<b>180.0</b>	<b>0.0</b>	<b>0.0</b>	<b>102.5</b>	<b>1,286.0</b>	<b>0.0</b>				
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				272.9		
			SM					27.1		
			STP	Construction				818.7		
			SM					81.3		
<b>Project Total</b>	<b>330.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,202.5</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	Construction				1,164.2		
			AC			1,164.2				
			ACC					-1,164.2		
			3PF			115.6				
<b>Project Total</b>	<b>0.0</b>	<b>0.0</b>	<b>1,279.7</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	
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	82.2			
FAM			346.5	8.2							
<b>Project Total</b>					<b>159.0</b>	<b>3,881.6</b>	<b>90.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
29969	NFHWY00137	<b>Wembley Avenue Improvements</b> Reconstruct Wembley Avenue from Aurora Drive to Danby Street and construct a pedestrian facility. <i>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> Resurface and widen Woll Road from Bradway Road to Ownby Road.	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>0.0</b>	<b>252.5</b>	<b>0.0</b>	<b>2,470.2</b>	

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NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
9939	NFHWY00139	Yankovich/Miller Hill Road Reconstruction <small>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.</small>	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>

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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	321.2	321.2	321.2	
		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	9,459.4	8,765.3	8,765.3	
		<i>This shows the overall match required for the federal funds above.</i>								
		STP Match			747.3	765.9	765.9	765.9	765.9	
		CMAQ Match			72.2	72.2	72.2	72.2	72.2	
		Planning Match			27.3	30.2	31.9	31.9	31.9	
		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	938.9	870.1	870.1	
					10,194.8	9,815.0	10,398.3	9,635.4	9,635.4	
<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	7,664.9	8,079.5	
		Congestion Mitigation/Air Quality	CMAQ		727.8	727.8	727.8	727.8	727.8	
		Planning	PL		274.6	304.6	321.2	321.2	321.2	
		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	9,459.4	8,713.9	9,583.4	
		Advanced Construction	AC		2,917.9	5,669.8	1,505.3	4,821.4	4,159.1	
		Advance Construction Conversion (Payback)	ACC		-136.4	-2,917.9	-5,669.8	-1,505.3	-4,821.4	
				<i>AC/ACC Subtotal</i>	2,781.5	2,752.0	-4,164.5	3,316.1	-662.3	
<b>Federal Match Summary</b>										
		State Match	SM		706.8	595.4	156.0	745.5	473.1	
		Local Government Match	3PF		872.7	216.4	360.8	240.4	370.7	
		FAST Planning Match	FAM		115.8	395.8	69.5	208.2	41.8	
				<i>Match Subtotal</i>	1,695.4	1,207.6	586.4	1,194.1	885.6	
					10,969.6	10,136.4	10,045.8	9,908.0	10,469.0	
<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	528.0	10.0	10.0	
				<i>TOTAL</i>	4,552.1	1,415.6	528.0	10.0	10.0	
				<b>GRAND TOTAL</b>	15,521.7	11,552.0	10,573.8	9,918.0	10,479.0	

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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<b>FTA Projects within FAST Planning Boundary</b>										
<b>Need ID</b>	<b>Project Description</b>		<b>Fund Code</b>	<b>Fund Type</b>	<b>FFY19</b>	<b>FFY20</b>	<b>FFY21</b>	<b>FFY22</b>	<b>FFY23</b>	<b>Beyond</b>
<b>21018</b>	<b>Urbanized Area Formula Grant - FNSB</b>		FTA	5307	1,325.3	1,325.3	1,372.7	1,042.1		
	Transit operating assistance, and purchase of a bus.		Match		1,123.3	331.3	1,157.9	1,042.1		
	<b>Project Total</b>				<b>2,448.7</b>	<b>1,656.7</b>	<b>2,530.6</b>	<b>2,084.2</b>	<b>0.0</b>	
<b>21314</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>19634</b>	<b>Urbanized Area Formula - ARRC</b>		FTA	5307	200.0	200.0	65.0	650.0		
	Track rehabilitation.		Match		50.0	50.0				
	<b>Project Total</b>				<b>250.0</b>	<b>250.0</b>	<b>65.0</b>	<b>650.0</b>	<b>0.0</b>	
<b>19658</b>	<b>Urbanized Area Formula - ARRC</b>		FTA	5307	200.0	200.0	200.0	200.0	200.0	
	Preventive maintenance.		Match		50.0	50.0	50.0	50.0	50.0	
	<b>Project Total</b>				<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	
<b>31091</b>	<b>Urbanized Area Formula - ARRC</b>		FTA	5307	40.0	92.0				
	Replace and/or upgrade radio system equipment and communication components.		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>21314</b>	<b>Transit Security - ARRC</b>		FTA	5307	40.0	40.0				
	Purchase and install surveillance equipment system-wide, and other security expenses as appropriate.		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>20028</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>2,193.6</b>	<b>1,675.2</b>	<b>1,705.8</b>	<b>0.0</b>	
<b>19120</b>	<b>Rural Transit - FNSB</b>		ILLU	5311		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>19635</b>	<b>State of Good Repair - ARRC</b>		FTA	5307				250.0		
	Bridge rehabilitation.		Match							
	<b>Project Total</b>				<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>250.0</b>	<b>0.0</b>	
<b>33245</b>	<b>State of Good Repair - ARRC</b>		FTA	5307				25.0		
	Facility rehabilitation.		Match							
	<b>Project Total</b>				<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>25.0</b>	<b>0.0</b>	
<b>19635</b>	<b>State of Good Repair - ARRC</b>		FTA	5337			720.0	6040.0	840.0	
	Bridge rehabilitation.		Match				180.0	1510.0	210.0	
	<b>Project Total</b>				<b>0.0</b>	<b>0.0</b>	<b>900.0</b>	<b>7550.0</b>	<b>1050.0</b>	
<b>19658</b>	<b>State of Good Repair - ARRC</b>		FTA	5337	200.0	200.0	200.0	200.0	200.0	
	Preventive maintenance.		Match		50.0	50.0	50.0	50.0	50.0	
	<b>Project Total</b>				<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	
<b>19634</b>	<b>State of Good Repair - ARRC</b>		FTA	5337	200.0	200.0	160.0	160.0		
	Track rehabilitation.		Match		50.0	50.0	40.0	40.0		
	<b>Project Total</b>				<b>250.0</b>	<b>250.0</b>	<b>200.0</b>	<b>200.0</b>	<b>0.0</b>	
<b>31091</b>	<b>State of Good Repair - ARRC</b>		FTA	5337	40.0	92.0				
	Replace and/or upgrade radio system equipment and communication components.		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>	

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19119	Enhanced Mobility for Seniors & Individuals with Disabilities Funding for VanTran service.	FTA	5310		80.6	81.6				
		Match			20.1	20.4				
Project Total					100.7	102.0	0.0	0.0	0.0	
21028	Transit Administration & Maintenance Facility - Phase II Renovation and expansion of the transit maintenance facility, including utility connection and/or storage of CNG.	FTA	5339			10,403.3				
		Match				2,600.8				
Project Total					0.0	13,004.2	0.0	0.0	0.0	
21038	Van Tran Fleet Transition to CNG Transition the Van Tran fleet to CNG in accordance with Van Tran Recommended 10-year Bus Replacement Plan 2019-2028.	FTA	5310		168.0	113.5	115.1	58.4		
		Match			42.0	28.4	28.8	14.6		
Project Total					210.0	141.9	143.9	72.9	0.0	
21038	Bus and Bus Facility Allocations - FNSB FFY18, 19, 20 & 21 Section 5339(a) CNG Fueled Bus	FTA	5339(a)		95.2	99.1	91.3			
		Match			19.0	19.8	18.3			
Project Total					114.2	118.9	109.6	0.0	0.0	
21048	Urbanized Area Formula Grant - FNSB Purchase of a CNG fueled bus.	FTA	5307					330.6		
		Match						115.8		
Project Total					0.0	0.0	0.0	446.4	0.0	
27969	Buses and Bus Facility Competitive Grant	ILLU	5339(b)							
		Match								
Project Total					0.0	0.0	0.0	0.0	0.0	
<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	Airport Way / Cushman Street Intersection Reconstruction Reconstruct the intersection at Airport Way and Cushman Street.	CMAQ	Design	1,637.5					
			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			
Project Total					1,800.0	0.0	4,700.0	1,200.0	11,775.6	
19217	NFHWY00245	Airport Way / Steese Expressway Reconstruction Replace existing intersection with displaced left turn intersection at Gaffney Road, Airport Way, Richardson Highway, and Steese Expressway (GARS).	HSIP	Design	1,100.0					
				Right-of-Way			50.0			
				Utilities			50.0			
				Construction				11,770.0		
Project Total					1,100.0	0.0	100.0	11,770.0	0.0	
15685	Z618720000	Airport Way (West) Improvements Construct intersection improvements along Airport Way between Dale Road and the Parks Highway. Project includes bicycle/pedestrian facilities along Hoselton Road to the Boat Street path.	NHPP	Construction				1,187.3	9,729.1	
			AC					9,729.1		
			ACC						-9,729.1	
			SM					1,083.6		
Project Total					0.0	0.0	0.0	12,000.0	0.0	

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NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
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		900.0			
		Utilities						700.0		
		Construction							19,150.0	
<b>Project Total</b>					<b>1,115.0</b>	<b>0.0</b>	<b>900.0</b>	<b>0.0</b>	<b>19,850.0</b>	
2130	Z661480000	<b>Richardson Highway MP 353 - 357 Access/Safety Improvements</b>	NHPP	Construction	3,910.4	13,266.8				
		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.	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 360-361 (MP 359) Railroad Grade Separated Facility</b>	NHPP	Design		1,333.8				
		Construct grade-separated facility on the Richardson Highway to improve operations and reduce railroad/vehicle conflicts. Work includes new railroad overpass bridges (#2366 and 2367).	SM			94.2				
			NHPP	Utilities				3638.8		
			SM					361.2		
<b>Project Total</b>					<b>0.0</b>	<b>1,428.0</b>	<b>0.0</b>	<b>4,000.0</b>	<b>0.0</b>	<b>25,000.0</b>
22441	Z625410000	<b>Steese Highway and 3rd Street Widening</b>	AC	Construction			13,645.5			
		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.	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	NFHWY00020	<b>Steese Highway MP 4.5 (CHSR) Off-Ramp Bypass Lane</b>	NHPP	Right-of-Way	136.5					
		Conduct a bypass lane and retaining wall at the Steese Highway north bound ramp to Chena Hot Springs Road.	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>	NHPP	Design	1,886.7		2,274.3			
		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.	SM		187.3		225.8			
			NHPP	Right-of-Way				2,729.1		
			SM					270.9		
<b>Project Total</b>					<b>2,074.0</b>	<b>0.0</b>	<b>2,500.0</b>	<b>3,000.0</b>	<b>0.0</b>	<b>51,000.0</b>

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NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
3821	Z632130000	University Avenue Widening Widen and reconstruct University Avenue to current standards.	NHPP	Right-of-Way			1,364.6				
			SM				135.5				
			NHPP	Utilities			1,364.6				
			SM				135.5				
			AC	Construction						11,826.1	
			SM						1,173.9		
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>3,000.0</b>	<b>0.0</b>	<b>13,000.0</b>	<b>11,826.1</b>	
29655	Z632130000	University Avenue Rehabilitation: <b>Wolf Run to DNR BLM Access</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				14,555.2	14,555.2		
			AC				29,110.4				
			ACC					-14,555.2	-14,555.2		
			SM			2,889.6					
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>32,000.0</b>	<b>0.0</b>	<b>0.0</b>		
29656	Z632130000	University Avenue Rehabilitation: <b>DNR BLM Access to Rewak Drive</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>20,000.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Other Major Projects Within FAST Planning Boundary</b>											
Need ID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond	
26076	NFHWY00124	Aurora Drive- Noyes Slough Bridge Replace the Noyes Slough bridge on Aurora Drive in Fairbanks	STP	Right-of-Way		354.8					
			SM			35.2					
			STP	Utilities				272.9			
			SM				27.1				
			<b>Project Total</b>					<b>0.0</b>	<b>390.0</b>	<b>0.0</b>	<b>300.0</b>
19217	NFHWY00096	Badger Road Two Way Left Turn Lane 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	500.0						
				Utilities	150.0						
				Construction	19,130.0						
				<b>Project Total</b>					<b>19,780.0</b>	<b>0.0</b>	<b>0.0</b>
27542	NFHWY00289	Chena Hot Spring Road MP 0-6 Rehabilitate Chena Hot Spring Road.	STP	Design	1,071.6	545.8					
			AC		545.8						
			ACC			-545.8					
			SM	106.4							
			STP	Utilities		227.4					
			SM			22.6					
			STP	Construction		5,194.0		8,194.0	5,000.0		
			AC			13,194.0					
			ACC					-8,194.0	-5,000.0		
			SM		1,806.0						
<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	NFHWY00016	Chena Pump Road Bike & Pedestrian Facility Rehabilitation 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	Construction		1,455.5					
			SM			144.5					
			<b>Project Total</b>					<b>0.0</b>	<b>1,600.0</b>	<b>0.0</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
TBD	TBD	<b>City of Fairbanks Systematic Signal Upgrades</b>	HSIP	Design			300.0	500.0		
		Install overhead signal head for each lane of each approach at 11 intersections around City of Fairbanks. Install retroreflective backplates on all signal heads at 11 additional locations.		Right-of-Way					50.0	
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>300.0</b>	<b>500.0</b>	<b>50.0</b>	<b>6,895.0</b>
19217	Z772770000	<b>College Road Median Extension</b>	HSIP	Construction	520.0					
		Install a separate right turn lane for westbound traffic at the intersection of College Road/Old Steese Highway, and a new right turn lane creating dual rights for eastbound traffic at the intersection of College Road/Steese Expressway.								
<b>Project Total</b>					<b>520.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
31878	NFHWY00424	<b>Fairbanks North Pole Serious SIP</b>	STP	Planning	946.1	946.1	946.1			
		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.	SM		93.9	93.9	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>	<b>0.0</b>
30369	NFHWY00155	<b>Northern Region ADA Reconnaissance &amp; Improvements</b>	STP	All	136.5	318.4	2,137.8	1,910.4	1,592.0	
		Design and Construct improvements recommended by the Northern Region ADA Reconnaissance Study.	SM		13.5	31.6	212.2	189.6	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>
19217-4	Z634670000	<b>Steese Hwy/Chena Hot Springs Rd Ramp Termini Roundabouts</b>	HSIP	Utilities		150.0				
		Construct roundabouts at the interchange ramp termini for the Steese 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>	<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 intersection at the Johansen Expressway.	SM					90.3		
<b>Project Total</b>					<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,000.0</b>	<b>0.0</b>	<b>20,000.0</b>
6359	Z632910000	<b>Wendell Avenue Bridge Replacement</b> 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.	SFF	Utilities		91.0				
			SM			9.0				
			SFF	Construction		17,698.4				
			SM			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>0.0</b>
<b>CMAQ PROJECTS</b>										
Need ID	IRIS	Project Description / Funding Source	Phase	Fund Code	FFY19	FFY20	FFY21	FFY22	FFY23	
27010	Z617630000	<b>Northern Region Signal Interconnect</b> To fund vehicle volume, classification, speed counts, and traffic counting equipment within the PM2.5 non-attainment area. Conduct a baseline study of local road VMT, as well as data analysis and reporting.	ACC	Construction	-605.5					
			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>

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NID	IRIS	Project Description	Fund Code	Phase	FFY19	FFY20	FFY21	FFY22	FFY23	Beyond
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	
		Funding for transportation projects and programs that are committed and contingency measures listed in the State Implementation Plan (SIP) for the Fairbanks PM <sub>2.5</sub> Non-attainment Area, and non-SIP projects that are evaluated and scored by the Fairbanks area CMAQ Project Evaluation Board.	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>

**FAST Planning FFY19-23 Transportation Improvement Program **DRAFT** Administrative Modification #4 - Summary of Changes**  
**May 28, 2021**

<b>Project</b>	<b>Description</b>
1 5th Avenue Reconstruction	Added \$205.9k offset funding to FFY21 design phase (Policy Board approved 12.16.2020); moved right-of-way phase from FFY21 to FFY22 and added \$104k STP funding per request from DOT&PF; moved utilities phase from FFY22 to FFY23
2 Airport West Bicycle & Pedestrian Facility	Reduced construction phase funding from \$1.6 to \$1.111 million per latest estimate from DOT&PF, including removal of AC funding; removed utilities phase placeholder
3 Coordinators Office	Adjusted PL funding amount to match FFY21 PL distribution amount to FAST Planning for current and future years; updated project number
4 Cowles Street Reconstruction	Increased construction phase funding from \$6.435 to \$8.745 million per latest estimate from DOT&PF; (project may be phased in next TIP if Earmark is not secured in Transportation Reauthorization Bill); added \$375 AC (STP) funding to design phase per request from DOT&PF and City of Fairbanks
5 Cushman Street Bridge Rehabilitation	Moved design phase placeholder from FFY21 to FFY22
6 Fairbanks Road/Rail Crossing Reduction Plan	Added \$47.6 offset funding to planning phase for consultant contract amendment
7 FAST Improvement Program	Added \$152.3k offset funding to FFY21 construction phase for FFY20 construction overruns, change orders, and CENG (Executive Director approved \$95.2k on 09.14.2020 and \$57.2k on 11.17.2020); deleted old project number and added FFY22 construction project number
8 FAST Intersection Improvement Program	Added \$7.0k offset funding to FFY21 construction phase for FFY20 construction overruns and change orders (Executive Director approved 09.14.2020); deleted old project number and added FFY21 construction project number
9 FAST Sidewalk Improvement Program	Added \$30.0k offset funding to FFY21 construction phase for increase to bid amount (Executive Director approved 05.14.2021); added FFY21 construction project numbers
10 McGrath Road Upgrade	Added \$386.1 STP funding to FFY21 construction phase for FFY20 construction overruns and change orders (Policy Board approved 09.16.2020)
11 Metropolitan Transportation Plan Update	Added \$13.1 STP funding to planning phase to supplement DOT oversight costs; added Need ID and project number
12 Non-motorized Plan Update	Added \$11.0 offset funding to planning phase for consultant contract amendment
13 North Pole Streetlight Standardization	Moved right-of-way phase placeholder from FFY21 to FFY22
14 Old Rich Hwy Intersection Improvements	Moved right-of-way phase placeholder from FFY21 to FFY22; added \$270.4k STP funding to utilities phase per request from DOT&PF
15 Sign Replacement Stage III	Removed design phase placeholder; reduced construction phase funding from \$1.6 to \$1.28 million based on bid amount
16 Tanana Loop & South Chandalar Intersections	Added \$82.2k offset funding to FFY21 construction phase for FFY20 construction overruns and change orders (Technical Committee approved 01.06.2021)
17 Woll Road Resurfacing	Moved final design phase funding from FFY21 to FFY22
18 Funding Summary	Adjusted PL funding allocation to match FFY21 PL distribution amount for current and future years
19 Informational Tables	Updated information tables to match project details from FNSB Transit, ARRC, and FFY20-23 STIP Amendment #2

**Jackson Fox**

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**To:** Hall, Ivet (DOT)  
**Subject:** RE: TIP Admin Mod #4 - Draft

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**From:** Hall, Ivet (DOT) <ivet.hall@alaska.gov>  
**Sent:** Tuesday, May 25, 2021 4:30 PM  
**To:** Jackson Fox <jackson.fox@fastplanning.us>  
**Cc:** Robert H. Pristash <RPristash@fairbanks.us>; Schacher, Sarah E (DOT) <sarah.schacher@alaska.gov>  
**Subject:** RE: TIP Admin Mod #4 - Draft

Hi Jackson,

Here is the input for my projects:

5<sup>th</sup> Avenue Reconstruction:

- we anticipate the utility relocation to be done under Phase 4 but we can keep it as Phase 7 right now. But since it will happen at the same time as construction, **please move Phase 7 to FFY2023**
- Please **increase Phase 3** by \$103,927 to a total of \$133,927

Cowles Street Reconstruction:

- City is working on an **additional request for Phase 2 for this fiscal year**. We plan to have it to you by Friday

Thank you,

*Ivet*  
(907) 451-5386

**From:** Hall, Ivet (DOT) [ivet.hall@alaska.gov](mailto:ivet.hall@alaska.gov)  
**Sent:** Wednesday, March 10, 2021 10:06 AM  
**To:** Jackson Fox [jackson.fox@fastplanning.us](mailto:jackson.fox@fastplanning.us)  
**Cc:** Schacher, Sarah E (DOT) [sarah.schacher@alaska.gov](mailto:sarah.schacher@alaska.gov)  
**Subject:** 5th Ave - move Phase 3 to FFY22 please

Hi Jackson,

Could you please move the Phase 3 for the Fairbanks 5th Ave Reconstruction project from FFY21 to FFY22?

Thank you,

*Ivet Hall, P.E.*  
**Design Manager**  
Alaska DOT&PF  
(907) 451-5386


## Value Engineering

Per DOT&PF policy and procedure 05.01.030, a value engineering analysis was not required for this project.

## Cost Estimate

The estimated costs for this project are as follows:

Design	\$500,000.00
Utilities	\$0.00
Right of Way	\$0.00
Construction (Includes 23% Engineering)	\$1,111,000
Total Cost of Project	\$1,611,000

Approved:  5/7/2021  
Sarah E. Schacher, P.E., Preconstruction Engineer Date:

mjb/ms

Attachments:

**APPENDIX A: Environmental Document**

**APPENDIX B: Design Criteria**

Copy to: Preconstruction/Project file  
Daniel Schacher, M&O District Superintendent

Original to: Barbie L. Tanner, P.E., LPA/Chief of Contracts

cc: NR Design Directive 20-01 Distribution

## Jackson Fox

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**To:** Schacher, Sarah E (DOT)  
**Subject:** RE: Airport Way West Ped Facilities - TIP Admin Mod #4 - Draft

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**From:** Schacher, Sarah E (DOT) <sarah.schacher@alaska.gov>  
**Sent:** Wednesday, May 26, 2021 2:05 PM  
**To:** Jackson Fox <jackson.fox@fastplanning.us>  
**Cc:** Fischer, David K (DOT) <david.fischer@alaska.gov>; Berggren, Michael J (DOT) <michael.berggren@alaska.gov>  
**Subject:** Airport Way West Ped Facilities - TIP Admin Mod #4 - Draft

Hi Jackson—Dave and Mike are comfortable leaving AWW Ped Facilities at \$1.1M for Ph 4.

Thanks,  
Sarah

## Grant Funds, Sources, & Uses of all Project Funding

Table 3 outlines the prior, current, and future funding commitments for the project through Preliminary Engineering, Final Design, Right-of-Way, and Utilities phases. All funding allocated to this project to date has been provided by the MPO using federal Surface Transportation Program funds allocated to the MPO by the Federal Highway Administration (FHWA) and Alaska DOT&PF. Matching funds for these project phases, at a rate of 9.03%, was paid jointly (4.52% each) by the City of Fairbanks and Alaska DOT&PF in accordance with the Alaska DOT&PF's Match Policy for major collector roads owned and operated by a local government.

**Table 3.** Existing Funding Commitments for Cowles Street Reconstruction Project

Phase	FFY16	FFY17	FFY18	FFY19	FFY20	FFY21	TOTAL
<b>Preliminary Engineering</b>	\$411,300						\$411,300
<b>Final Design</b>			\$313,400	\$508,000			\$821,400
<b>Right-of-Way</b>					\$249,500		\$249,500
<b>Utilities</b>						\$209,400	\$209,400
						<b>TOTAL</b>	<b>\$1,691,600</b>

For this BUILD Grant Program application, **FAST Planning is seeking \$8,745,000 exclusively for the Construction phase for the project.** Attached is a detailed Engineer's Estimate detailing the pay items and quantities for this amount. Table 4 provides a summary of the Engineer's Estimate.

**Table 4.** BUILD Grant Program Funding Request for Cowles Street Reconstruction Project

Category	Amount
<b>Construction Total (all Pay Items) – 1<sup>st</sup> Ave to Airport Way</b>	\$4,595,644
<b>Construction Total (all Pay Items) – Airport Way to E/W Cowles St</b>	\$2,536,731
<b>Construction Engineering (17%)</b>	\$1,214,000
<b>DOT&amp;PF-FHWA Indirect Cost Rate Agreement (4.75%)</b>	\$398,000
<b>[rounded] TOTAL</b>	<b>\$8,745,000</b>

The Engineer's Estimate includes all construction costs associated with the improvements listed under the Project Description at the beginning of this narrative including removal of structures and obstructions, excavation, replacement of water and sewer mains and service connections, expansion of the storm drain system, utility pole relocations, traffic signal system installation, relocation and addition of fire hydrants, curb and gutter and sidewalk panels, paving, striping, signing, and topsoil and seeding. The estimate was developed using local contractor bid tabulations from recent and current year construction projects bid through the Alaska DOT&PF, including the Gillam Way Rehabilitation project which is adjacent to and nearly identical in scope to the Cowles Street Reconstruction project. The estimate assumed inflation from present year costs to the 2023 construction year. To reduce construction costs, much of the existing storm drain system mains, manholes, and laterals will remain in service. However, due to the age and material type of the water and sewer mains, both are planned to be replaced with the project. The water main is 1954 thin steel pipe and the sewer main is 1934 woodstave pipe, both of which were determined to be federally

**Jackson Fox**

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**To:** Hall, Ivet (DOT)  
**Subject:** RE: TIP Admin Mod #4 - Draft

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**From:** Hall, Ivet (DOT) <[ivet.hall@alaska.gov](mailto:ivet.hall@alaska.gov)>  
**Sent:** Friday, May 28, 2021 12:19 PM  
**To:** Jackson Fox <[jackson.fox@fastplanning.us](mailto:jackson.fox@fastplanning.us)>  
**Cc:** Robert H. Pristash <[RPristash@fairbanks.us](mailto:RPristash@fairbanks.us)>; Schacher, Sarah E (DOT) <[sarah.schacher@alaska.gov](mailto:sarah.schacher@alaska.gov)>  
**Subject:** RE: TIP Admin Mod #4 - Draft

The best we can do for that estimate right now is \$375,000. Bob will be at the meeting if there is a need to discuss

*Ivet*  
*(907) 451-5386*

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**From:** Jackson Fox <[jackson.fox@fastplanning.us](mailto:jackson.fox@fastplanning.us)>  
**Sent:** Friday, May 28, 2021 11:21 AM  
**To:** Hall, Ivet (DOT) <[ivet.hall@alaska.gov](mailto:ivet.hall@alaska.gov)>  
**Cc:** Robert H. Pristash <[RPristash@fairbanks.us](mailto:RPristash@fairbanks.us)>; Schacher, Sarah E (DOT) <[sarah.schacher@alaska.gov](mailto:sarah.schacher@alaska.gov)>  
**Subject:** RE: TIP Admin Mod #4 - Draft

Just a quick reminder I am still waiting on the Phase 2 request for Cowles St.

Thanks, Jackson

## Jackson Fox

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**From:** Jeanne M. Bowie <Jeanne.Bowie@kinneyeng.com>  
**Sent:** Wednesday, April 21, 2021 5:06 PM  
**To:** Jackson Fox  
**Subject:** Request for additional funds for Fairbanks Road Rail Crossing Reduction/Realignment Plan

Good afternoon Jackson,

As mentioned previously, now that we have completed the Draft Plan and have comments from the majority of the steering committee (note that we are still waiting on comments from FNSB and the City of Fairbanks), I am presenting a formal request for additional funds to complete the Fairbanks Road Rail Crossing Reduction/Realignment Plan.

We currently have used almost 92% of the \$436,847 previous authorized for the time and expenses contract. The following explains our budget status. I have included tables at the end to show the relevant dollar values.

Our labor expenditures to date have been greater than those initially estimated for the following reasons:

- KE's IDCR rate changed from ██████% to ██████% on July 1, 2020
- Existing conditions report was prepared in more detail than initially anticipated
- Field work required precautions due to COVID 19 that were not included in scope/fee estimate
- Reviewed 12 crossings in the field (more than the 8 to 10 in the scope)
- Took additional field measurements that had not been anticipated (sight distance, skew, etc. measured in the field rather than just general field observations)
- Prepared user-friendly plan summary instead of simply combining all previous submittals into one plan document

We have reviewed the remaining scope and estimate the total cost to complete to be approximately \$85,000. The remaining scope includes the following tasks:

- Task 1. Continue team meetings and project management efforts
- Task 8. Complete edits to the Draft Plan per comments from the steering committee.
- Task 8. Presentations to the FAST Technical Committee and Policy Board in May 2021.
- Task 3. Website updates, preparation of public involvement materials for 30-day public comment period, virtual or in-person open house.
- Task 3. Preparation of public comment summary.
- Task 9. Changes to the plan documents to include public comment.
- Task 8. Presentations to the FAST Technical Committee and Policy Board in July 2021. (This one isn't in the original scope.)
- Task 9. Finalizing plan documents.

Since we have about \$35,026 remaining in the budget, our request is for an additional \$49,974 to complete the project. Expected completion is at the end of August 2021.

Project Status:

Contract Amount	% Expended	Amount Expended	Amount Remaining
\$ 436,847	92%	\$ 401,821	\$ 35,026

Justification for Additional Funds (rounded values):

IDCR Change	\$ 14,000
Additional Scope Already Completed	
Existing Conditions	\$ 11,000
Field Work (Covid, extra crossings, additional measurements)	\$ 17,000
User-friendly plan and other improvements	\$ 4,300
Additional Set of FAST Presentations	\$ 3,700
<b>TOTAL</b>	<b>\$ 50,000</b>

Cost to Complete Remaining Scope:

Task 1 Team Meetings and Project Management	\$6,000
Task 3 Stakeholder and Public Outreach	\$51,000
Task 8 Plan Preparation and Presentation	\$20,000
Task 9 Finalize the Plan	\$8,000
<b>TOTAL</b>	<b>\$85,000</b>

Request for Additional Funds:

Cost to Complete	\$ 85,000
Remaining in Contract	\$ 35,026
<b>Funding Request</b>	<b>\$ 49,974</b>

Thank you very much for your consideration of this request.

Jeanne Bowie, PE, PhD, PTOE

KINNEY ENGINEERING, LLC

[jeanne.bowie@kinneyeng.com](mailto:jeanne.bowie@kinneyeng.com)

3909 Arctic Blvd, Ste 400, Anchorage, AK 99503

Phone 907.344.7585 Fax 907.349.7496

[www.kinneyeng.com](http://www.kinneyeng.com)



**Jackson Fox**

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**To:** Bailey, Randi L (DOT)  
**Subject:** RE: TIP Admin Mod # 4 - Draft

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**From:** Bailey, Randi L (DOT) <randi.bailey@alaska.gov>

**Sent:** Thursday, May 20, 2021 3:13 PM

**To:** Jackson Fox <jackson.fox@fastplanning.us>

**Cc:** Fischer, David K (DOT) <david.fischer@alaska.gov>; Schacher, Sarah E (DOT) <sarah.schacher@alaska.gov>; Chapman, Judy (DOT) <judy.chapman@alaska.gov>; Keller, Jennifer C (DOT) <jennifer.keller@alaska.gov>; Carpenter, Margaret (DOT) <margaret.carpenter@alaska.gov>

**Subject:** RE: TIP Admin Mod # 4 - Draft

Jackson,

The amendment amount for the Road Rail Crossing Reduction Plan should be a total of \$52,348. Kinney needs an additional \$49,974 to finish up the work, plus a 4.75% ICAP (\$2,374) which gives us a total cost increase of \$52,348. We still have not finalized our fee negotiations for the MTP Update but I would ask that we include an additional 25K in the TIP amendment to cover the DOT oversight costs.

Let me know if you have any questions.

Thanks.

**Jackson Fox**

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**To:** Netardus, John J (DOT)  
**Subject:** RE: Bid Award Recommendation NFHWY00282 FAST Sidewalk Improvements FFY2021

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**From:** Netardus, John J (DOT) <[john.netardus@alaska.gov](mailto:john.netardus@alaska.gov)>  
**Sent:** Friday, May 14, 2021 10:31 AM  
**To:** Dykema, Shelley A (DOT) <[shelley.dykema@alaska.gov](mailto:shelley.dykema@alaska.gov)>; Jackson Fox <[jackson.fox@fastplanning.us](mailto:jackson.fox@fastplanning.us)>  
**Cc:** Schacher, Sarah E (DOT) <[sarah.schacher@alaska.gov](mailto:sarah.schacher@alaska.gov)>; Maniaci, Caroline S (DOT) <[caroline.maniaci@alaska.gov](mailto:caroline.maniaci@alaska.gov)>; Allen, Jake (DOT) <[jake.allen@alaska.gov](mailto:jake.allen@alaska.gov)>  
**Subject:** Bid Award Recommendation NFHWY00282 FAST Sidewalk Improvements FFY2021

Jackson,  
DOT&PF would like to request an increase to phase 4 for NFHWY00282 FAST Sidewalk Improvements FFY2021 of \$32,990.00. The bids came in slightly high and we need this extra funding to award and build the project. We are in good standing with regards to the City of North Pole and FNSB local match contributions.

We will require \$860,293.00, we have \$827,303.00 budgeted; so, there is a shortfall of: \$32,990.00

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

Thank You,  
John Netardus, P.E.  
Engineering Manager  
451-5448

---

**From:** Dykema, Shelley A (DOT) <[shelley.dykema@alaska.gov](mailto:shelley.dykema@alaska.gov)>  
**Sent:** Friday, May 14, 2021 10:11 AM  
**To:** Netardus, John J (DOT) <[john.netardus@alaska.gov](mailto:john.netardus@alaska.gov)>  
**Cc:** Schacher, Sarah E (DOT) <[sarah.schacher@alaska.gov](mailto:sarah.schacher@alaska.gov)>  
**Subject:** Bid Award Recommendation NFHWY00282 FAST Sidewalk Improvements FFY2021

Hi John,

Would you please request approval from Jackson to program an additional \$32,990.00 (total) to fund the low bid on the FAST Sidewalks Improvements FFY2019 project.

Construction Engineers Estimate + CENG = \$827,303.00

Construction Low Bid + CENG = **\$860,293.00**

Thank you. Shelley

## FAST Planning FFY21 Offsets

May 28, 2021

Project	State	Federal	Total w/ Match	
Cushman Street/Gaffney Road Reconstruction	\$45,203	-	\$45,203	Project closure
Noble Street Upgrade	-	\$401,534	\$441,391	Project closure
Minnie Street Corridor Study	-	\$3,263	\$3,587	Project closure
FMATS Improvement Program FFY18-19 (Design)	-	\$3,116	\$3,425	Phase closure
FMATS Area Surface Upgrades FFY19	-	\$129,724	\$142,601	Project closure
<b>Total Offset Funding to Date</b>	<b>\$45,203</b>	<b>\$537,637</b>	<b>\$636,207</b>	
<b>COMMITTED FUNDS</b>				
FAST Intersection Improvement Program FFY20 Construction	-	\$6,972	\$7,664	Executive Director approved 9.14.2020
FAST Improvement Program FFY20 Construction	-	\$95,170	\$104,617	Executive Director approved 9.14.2020
FAST Improvement Program FFY20 Construction	-	\$57,175	\$62,850	Executive Director approved 11.17.2020
5th Avenue Reconstruction Design	-	\$205,865	\$226,300	Policy Board approved 12.16.2020
Tanana Loop & South Chandalar Intersections Construction	-	\$82,172	\$90,329	Technical Committee approved 01.06.2021
FAST Sidewalk Improvement Program FFY21 Construction	-	\$30,011	\$32,990	Executive Director approved 05.14.2021
Non-motorized Plan Update	-	\$11,025	\$12,120	Executive Director approved 05.28.2021
Fairbanks Road/Rail Crossing Reduction/Realignment Plan	-	\$47,621	\$52,348	Pending Technical Committee approval; included in TIP Admin Mod #4
<b>Total Committed Offsets</b>	<b>\$0</b>	<b>\$536,012</b>	<b>\$589,218</b>	
<b>Remaining Funds to be Obligated</b>	<b>\$45,203</b>	<b>\$1,626</b>	<b>\$46,989</b>	
<hr/>				
<b>McGrath Road Upgrade FFY20 Construction Balance</b>	-	<b>(\$386,088)</b>	<b>(\$424,412)</b>	
Use of FFY21 offset funds approved by Policy Board 9.16.2020	-	\$158,663	\$174,412	STP Funds / TIP Admin Mod #4
Final Design phase delay (FFY21 to FFY22) for Woll Road	-	\$227,425	\$250,000	STP Funds / TIP Admin Mod #4
		<b>\$0</b>	<b>\$0</b>	

## Jackson Fox

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**To:** Andrew Ooms  
**Subject:** RE: Fairbanks Non-Motorized Plan - Apr '21 Inv. 0117582 (KAI Proj. 240400.000)

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**From:** Andrew Ooms <aooms@kittelson.com>  
**Sent:** Friday, May 28, 2021 2:43 PM  
**To:** Jackson Fox <jackson.fox@fastplanning.us>  
**Cc:** Nick Foster <nfoster@kittelson.com>  
**Subject:** RE: Fairbanks Non-Motorized Plan - Apr '21 Inv. 0117582 (KAI Proj. 240400.000)

Jackson,

I will prepare something more official, but our out to scope work from the TC actions and additional BPAC involvement due to moving from quarterly to monthly meetings is summarized below, totaling \$11,570.

Task 2 – Public and Agency Involvement: \$4,320

- 1 additional TC meeting and preparation
- 1 expanded PM work session and preparation
- 3 additional BPAC meetings including 2/2 worksession

Task 6 – Recommendation and Implementation Plan: \$7,250

- Additional Draft NMP edits (coordination, markups, verification, plan production) in advance of public review draft

Please let me know you need anything further today.

Andrew Ooms, PE, PTOE, RSP | Senior Engineer | [Kittelson & Associates, Inc.](#)  
907.433.8102

I'm working from home in response to COVID-19, but Kittelson is fully operational and responsive to all projects. Please [visit our website](#) for more information, and connect with us before sending hard copy mail.

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**From:** Jackson Fox <[jackson.fox@fastplanning.us](mailto:jackson.fox@fastplanning.us)>  
**Sent:** Friday, May 28, 2021 11:02 AM  
**To:** Andrew Ooms <[aooms@kittelson.com](mailto:aooms@kittelson.com)>  
**Subject:** FW: Fairbanks Non-Motorized Plan - Apr '21 Inv. 0117582 (KAI Proj. 240400.000)  
**Importance:** High

Andrew – do you have an estimate of the out-of-scope work that will be billed under a contract amendment? I am presenting TIP Admin Mod #4 to the Technical Committee next week and would like to include a ballpark number (we can refine later).

Thanks, Jackson

**Jackson Fox**

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**From:** Netardus, John J (DOT) <john.netardus@alaska.gov>  
**Sent:** Thursday, May 27, 2021 4:36 PM  
**To:** Jackson Fox  
**Cc:** Schacher, Sarah E (DOT); Allen, Jake (DOT)  
**Subject:** TIP Mod update for Old Richardson Highway Intersections (NFHWY00158)

Jackson,

I understand you are working on a TIP modification and would like to send an update regarding Old Richardson Highway Intersection Improvements (NFHWY00158). I am requesting a modification to the TIP to increase phase 7; the current funding for phase 7 in the TIP is \$2.5k. I am requesting an increase of \$295k for phase 7 for a total of \$300k. DOT&PF and ARRC are currently working to get a more detailed estimate that may reduce the cost in the future.

Previous estimates for this project did not account for the panel extension/replacement needs on the 8<sup>th</sup> Ave segment of the project. We are also not certain that signal upgrades on 5<sup>th</sup> Ave are necessary and have conservatively estimated the above, requested funding.

Thank You,  
John Netardus, P.E.  
Engineering Manager  
451-5448

**FAST Planning TIP Amendment #3 - FFY21 OBLIGATION STATUS REPORT (as of May 28, 2021)**

**ALLOCATION TOTALS (Federal Share)**

ALLOCATIONS	PHASE	AMOUNT	FFY20 OBLIGATIONS	PERCENT OBLIGATED
STP	All	\$2,046.5	\$646.5	32%
STP AC	All	\$1,774.0	\$1,470.7	83%
CMAQ	All	\$727.8	\$727.8	100%
PL	All	\$321.2	\$321.2	100%
OFFSET	All	\$537.6	\$447.4	83%
<b>TOTAL</b>		<b>\$5,407.2</b>	<b>\$3,613.6</b>	<b>67%</b>

**STP FUNDS (Federal Share)**

IRIS	STP	PHASE	OBLIGATION DATE	TIP AMOUNT	FFY20 OBLIGATIONS	PERCENT OBLIGATED	COMMENTS
NFHWY00445	5th Avenue Reconstruction	Design	4/5/2021	\$109.8	\$109.8	100%	
		Right-of-Way	4/5/2021	\$27.3	\$27.3	100%	
NFHWY00447	Airport West Bicycle & Pedestrian Facility	Utilities		\$9.1		0%	
		Construction		\$1,137.0		0%	
				\$318.5		0%	FFY22 AC
NFHWY00336	Coordinator's Office	Planning	1/14/2021	\$100.0	\$100.0	100%	
Z622070000	Cushman Street Bridge Rehabilitation	Design		\$2.3		0%	Phase Placeholder
NFHWY00524	FAST Intersection Improvement Program	Utilities	4/27/2021	\$4.5	\$4.5	100%	
		Construction	4/27/2021	\$268.4	\$268.4	100%	
NFHWY00282 NFHWY00559	FAST Sidewalk Improvement Program	Construction	4/6/2021	\$17.3	\$17.3	100%	
TBD	Metropolitan Transportation Plan Update	Planning	2/18/2021	\$136.5	\$136.5	100%	
NFHWY00269	North Pole Streetlight Standardization	Right-of-Way		\$2.3		0%	Phase Placeholder
NFHWY00158	Old Rich Hwy Intersection Improvements	Right-of-Way		\$2.3		0%	Phase Placeholder
NFHWY00246	Sign Replacement - Stage III	Design		\$2.3		0%	Phase Placeholder
		Construction	2/4/2021	\$1,455.5	\$1,453.4	100%	FFY22 AC
NFHWY00448	Woll Road Resurfacing & Widening	Design		\$227.4	\$0.0	0%	Delayed to FFY22
	<b>TOTAL</b>			<b>\$3,820.5</b>	<b>\$2,117.2</b>	<b>55%</b>	

**CMAQ FUNDS (Federal Share)**

IRIS	CMAQ	PHASE	OBLIGATION DATE	TIP AMOUNT	FFY20 OBLIGATIONS	Percent Obligated	COMMENTS
NFHWY00282 NFHWY00559	FAST Sidewalk Improvement Program	Construction	4/6/2021	\$727.8	\$727.8	100%	
	<b>TOTAL</b>			<b>\$727.8</b>	<b>\$727.8</b>	<b>100%</b>	

**PL FUNDS (Federal Share)**

IRIS	PL	PHASE	OBLIGATION DATE	TIP AMOUNT	FFY20 OBLIGATIONS	Percent Obligated	COMMENTS
NFHWY00336	FAST Coordinators Office	Planning	10/1/2020	\$321.2	\$321.2	100%	
	<b>TOTAL</b>			<b>\$321.2</b>	<b>\$321.2</b>	<b>100%</b>	



## FAST Planning FFY21 Offsets

May 28, 2021

Project	State	Federal	Total w/ Match	
Cushman Street/Gaffney Road Reconstruction	\$45,203	-	\$45,203	Project closure
Noble Street Upgrade	-	\$401,534	\$441,391	Project closure
Minnie Street Corridor Study	-	\$3,263	\$3,587	Project closure
FMATS Improvement Program FFY18-19 (Design)	-	\$3,116	\$3,425	Phase closure
FMATS Area Surface Upgrades FFY19	-	\$129,724	\$142,601	Project closure
<b>Total Offset Funding to Date</b>	<b>\$45,203</b>	<b>\$537,637</b>	<b>\$636,207</b>	
<b>COMMITTED FUNDS</b>				
FAST Intersection Improvement Program FFY20 Construction	-	\$6,972	\$7,664	Executive Director approved 9.14.2020
FAST Improvement Program FFY20 Construction	-	\$95,170	\$104,617	Executive Director approved 9.14.2020
FAST Improvement Program FFY20 Construction	-	\$57,175	\$62,850	Executive Director approved 11.17.2020
5th Avenue Reconstruction Design	-	\$205,865	\$226,300	Policy Board approved 12.16.2020
Tanana Loop & South Chandalar Intersections Construction	-	\$82,172	\$90,329	Technical Committee approved 01.06.2021
FAST Sidewalk Improvement Program FFY21 Construction	-	\$30,011	\$32,990	Executive Director approved 05.14.2021
Non-motorized Plan Update	-	\$11,025	\$12,120	Executive Director approved 05.28.2021
Fairbanks Road/Rail Crossing Reduction/Realignment Plan	-	\$47,621	\$52,348	Pending Technical Committee approval; included in TIP Admin Mod #4
<b>Total Committed Offsets</b>	<b>\$0</b>	<b>\$536,012</b>	<b>\$589,218</b>	
<b>Remaining Funds to be Obligated</b>	<b>\$45,203</b>	<b>\$1,626</b>	<b>\$46,989</b>	
<hr/>				
<b>McGrath Road Upgrade FFY20 Construction Balance</b>	-	<b>(\$386,088)</b>	<b>(\$424,412)</b>	
Use of FFY21 offset funds approved by Policy Board 9.16.2020	-	\$158,663	\$174,412	STP Funds / TIP Admin Mod #4
Final Design phase delay (FFY21 to FFY22) for Woll Road	-	\$227,425	\$250,000	STP Funds / TIP Admin Mod #4
		<b>\$0</b>	<b>\$0</b>	

**Pending FAST Planning Deobligations from Project Closures**

May 28, 2021

<b>IRIS</b>	<b>Project</b>	<b>Construction Year</b>	<b>Estimated Federal Deobligation</b>	<b>Notes</b>
NFHWHY00170	FMATS Sidewalk Improvement Program FFY19	2019-20	TBD	Pending construction closeout
Z637840000	Gillam Way Rehabilitation	2019	TBD	Pending construction closeout
NFHWHY00137	Wembley Avenue Improvements	2019	TBD	Pending construction closeout
NFHWHY00425	Fbks R/R Crossing Reduction/Realignment Plan	2020	TBD	Pending final deliverable
NFHWHY00417	Johansen & Danby Path Resurfacing	2020	TBD	Pending construction closeout
NFHWHY00434	FAST Improvement Program FFY20	2020	TBD	Pending construction closeout
NFHWHY00165	FAST Intersection Improvement Program FFY20	2020	TBD	Pending construction closeout
NFHWHY00446	Non-motorized Plan Update	2020	TBD	Final deliverable received
NFHWHY00463	Road Service Area Expansion Plan	2020	TBD	Pending final deliverable
NFHWHY00014	Tanana Loop & South Chandalar Dr Intersections	2020	TBD	Pending construction closeout
		<b>TOTAL</b>	<b>TBD</b>	