

Alaska Department of Transportation and Public Facilities
2020-2023 DRAFT STIP

Project							2020-2023 Draft STIP						
Northern Region													
Need ID: 2118 Name: Richardson Highway Mile Point 161-170 (Milepost 159 -167) Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	9	Northern Region	Richardson Highway	Reconstruction	576	4	AC	35,114,420	0	0	0	
Description: Reconstruct the Richardson Highway and replace the Haggard Creek Culvert with Bridge #0576. Project will include bridge work, roadside hardware, drainage improvements and utility relocations.							4	NHPP	0	20,000,000	15,114,420	0	
							4	SM	3,485,580	0	0	0	
							Totals:		38,600,000	0	0	0	0
Need ID: 2119 Name: Richardson Highway Mile Point 169-176 (Milepost 167 - 173) Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	9	Northern Region	Richardson Highway	Reconstruction		4	AC	0	0	0	27,291,000	
Description: Widen and reconstruct to current standards.							4	SM	0	0	0	2,709,000	
							Totals:		0	0	0	30,000,000	27,291,000
Need ID: 2130 Name: Richardson Highway Mile Point 354-359 (Milepost 353-357) Access/Safety Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	5	Fairbanks	Richardson Highway	Reconstruction		4	ACC	-13,266,809	0	0	0	
Description: Improve access control on the Richardson Highway. This project will upgrade and extend the existing frontage road system, construct improved at-grade intersections, and eliminate a number of existing access approaches onto the Richardson Highway.							4	NHPP	13,266,809	0	0	0	0
							Totals:		0	0	0	0	0
Need ID: 3648 Name: Steese Highway Mile Point 122-123 (Milepost 128) Crooked Creek Bridge Replacement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
AHS	N	6	Central	Steese Highway	Bridge Replacement	431	2	SM	0	37,926	0	19,144	
Description: Replace Crooked Creek Bridge #0431 on the Steese Highway.							2	STP	0	382,074	0	192,856	
							Totals:		0	420,000	0	212,000	3,900,000

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Need ID: 3687 Name: Shageluk Airport Access Road Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	N	37	Shageluk		Reconstruction		4	AC	0	6,458,870	0	0	
Description: Reconstruct the 2.6 mile airport access road. Work will include embankment stabilization, minor realignment and resurfacing.							4	ACC	0	0	0	-6,458,870	
							4	SM	0	641,130	0	0	
							4	STP	0	0	0	6,458,870	
							Totals:		0	7,100,000	0	0	0
Need ID: 3821 Name: University Avenue Widening							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	5	Fairbanks		System Preservation	263	4	AC	0	0	0	8,187,300	
Description: Widen and reconstruct University Avenue to current standards. NID's associated with this parent design project: 29655, 29656, 31153. The final segment will be constructed under this NID.							4	SM	0	0	0	812,700	
							Totals:		0	0	0	9,000,000	8,187,300
Need ID: 3843 Name: Airport Way / South Cushman Intersection Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	1	Fairbanks		Reconstruction		3	CMAQ-M	4,275,590	0	0	0	
Description: Reconstruct the intersection at Airport Way and Cushman Street.							4	CMAQ-M	0	0	0	10,712,254	
							4	SM	0	0	0	1,063,336	
							7	CMAQ-M	0	1,091,640	0	0	
							7	SM	0	108,360	0	0	
							Totals:		4,700,000	1,200,000	0	11,775,590	0
Need ID: 6462 Name: Highway Safety Improvement Program/Safety Management							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	N	60	Northern Region		Safety		9	SA	324,000	324,000	324,000	324,000	
Description: Program management for support of HSIP activities.							9	SM	36,000	36,000	36,000	36,000	
							Totals:		360,000	360,000	360,000	360,000	720,000

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Project							2020-2023 Draft STIP						
Need ID: 15685 Name: Airport Way (West) Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	5	Fairbanks		Reconstruction		4	AC	0	7,000,000	0	0	
Description: Construct intersection improvements along Airport Way between Dale Road and the Parks Hwy. Project includes bicycle/pedestrian facilities along Hoselton Road to the Boat Street path.							4	ACC	0	0	-7,000,000	0	0
							4	NHPP	0	1,187,300	7,000,000	0	0
							4	SM	0	812,700	0	0	0
							Totals:		0	9,000,000	0	0	0
Need ID: 16177 Name: Barrow-Ahkovak Street Upgrade							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	N	40	Barrow		System Preservation		2	SM	27,632	0	0	0	
Description: Rehabilitate and pave approximately 0.625 miles of Ahkovak Street, from Okpik Street to Kiogak Street, including drainage improvements.							2	STP	278,368	0	0	0	0
							4	3PF	329,595	0	0	0	
							4	AC	6,640,810	0	0	0	
							4	ACC	0	0	-6,500,716	0	
							4	SM	329,595	0	0	0	
							4	STP	0	0	6,500,716	0	
Totals:		7,606,000	0	0	0	0							
Need ID: 17662 Name: FAST CTP Program Allocation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	N	5	Fairbanks		System Preservation		0	3PF	382,971	382,971	382,971	382,971	
Description: FAST CTP Program Allocation. See FAST TIP for projects.							0	SM	382,971	382,971	382,971	382,971	
							0	STP	7,716,256	7,716,256	7,716,256	7,716,256	
							Totals:		8,482,198	8,482,198	8,482,198	8,482,198	16,146,956
Need ID: 17663 Name: FMATS CMAQ Allocation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	N	5	Fairbanks		Congestion		0	CMAQ-M	727,760	727,760	727,760	0	
Description: This project is additional allocation for qualifying projects utilizing federal Congestion Mitigation and Air Quality Improvement (CMAQ) funding. See FMATS TIP for projects.							0	SM	72,240	72,240	72,240	0	
							Totals:		800,000	800,000	800,000	0	1,600,000

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Project							2020-2023 Draft STIP						
Need ID: 18634 Name: Kotzebue Cape Blossom Road							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	EMRK	892,328	0	0	0	
CTP	N	40	Kotzebue		New Construction		0	SFF	21,657,839	0	0	0	
Description: Construct a new road from Kotzebue to a port site near Cape Blossom.							0	SM	2,149,833	0	0	0	
							Totals:		24,700,000	0	0	0	0
Need ID: 18923 Name: Pavement and Bridge Preservation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	NHPP	16,829,450	24,561,900	24,561,900	24,561,900	
REQD	N	60	Northern Region		System Preservation		0	SM	4,379,550	5,147,100	5,147,100	5,147,100	
Description: Crack sealing, surface treatment drainage, signage, guardrail, illumination, and other refurbishments to prolong the life of road pavement and bridges and their safety related structures. Project includes NHS Lane Delineators, Destination & Distance Signing, Pavement Markings and Signalization, Abandoned Vehicle Program, Road Surfacing and Transfer, Road Surface Treatments, and improve curb ramps to meet ADA standards (in coordination with Need ID 30397). The scope does not include landscaping or other elements inconsistent with a pavement preservation focus.							0	STP	27,291,000	27,291,000	27,291,000	27,291,000	
							Totals:		48,500,000	57,000,000	57,000,000	57,000,000	114,000,000
Need ID: 22299 Name: Alaska Highway Mile Point 12-45 (Milepost 1235 -1268) Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Totals:						
NHS	N	6	Northern Region	Alaska Highway	System Preservation	503 7085	0		0	0	0	0	30,000,000
Description: Rehabilitate the Alaska Highway and construct passing lanes at various locations. This is the overall design for the entire termini. Construction will happen in two stages under NID 30280 and under the original NID 22299.													
Need ID: 22331 Name: Parks Highway Mile Point 127-148 (Milepost 163-183) Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	3	NHPP	181,940	0	0	0	
NHS	N	9	Northern Region	Parks Highway	System Preservation		3	SM	18,060	0	0	0	
Description: Rehabilitate the Parks Hwy to improve drainage, and construct passing lanes and an at grade railroad crossing at Milepost 169. This is the overall design project for the entire termini. Construction will happen in three stages under NID 30278 and the final segment under this NID.							4	AC	0	0	0	22,742,500	
							4	SM	0	0	0	2,257,500	
							Totals:		200,000	0	0	25,000,000	22,742,500
Need ID: 22335 Name: Parks Highway Mile Point 269-290 (Milepost 305-325) Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	NHPP	0	1,182,610	0	0	
NHS	N	6	Nenana	Parks Highway	Reconstruction	678	2	SM	0	117,390	0	0	
Description: Reconstruct the Parks Highway including drainage improvements, and passing lanes. This is design for the overall termini.							Totals:		0	1,300,000	0	0	60,500,000

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Project							2020-2023 Draft STIP						
Need ID: 22441 Name: Steese Highway and 3rd Street Widening							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	2	Fairbanks		Reconstruction	295	4	NHPP	0	13,645,500	0	0	
							4	SM	0	1,354,500	0	0	
Description: 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.							Totals:		0	15,000,000	0	0	0
Need ID: 22446 Name: Dalton Highway Mile Point 17-38 (Milepost 18-37) Reconstruction (Hess Creek Area)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	6	Northern Region	Dalton Highway	Reconstruction	1213	2	ACC	-587,728	0	0	0	
							2	NHPP	587,728	0	0	0	
Description: Reconstruction, including widening, spot repairs and resurfacing of approximately 19 miles of the Dalton Highway in the Hess Creek Area. This is the overall design for the entire termini. Construction will happen in two stages under NID 30285 and this original NID 22446.							3	NHPP	27,279	0	0	0	
							3	SM	2,721	0	0	0	
							Totals:		30,000	0	0	0	10,000,000
Need ID: 22452 Name: Dalton Hwy Mile Point 109-145 (Milepost 109-144) Reconstruction (Old Man Camp to Jim River Bridge#3)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	40	Northern Region	Dalton Highway	Reconstruction	1560	3	NHPP	0	9,097	0	0	
							3	SM	0	903	0	0	
Description: Reconstruction, including widening, spot repairs and resurfacing of approximately 35 miles of the Dalton Highway. Also includes replacing Douglas Creek Bridge #1560. This is the overall design for the entire termini. Construction will happen in 3 stages: NID 30276, NID 30270 and the final segment of construction including bridge #1560 under this NID 22452.							7	NHPP	0	9,097	0	0	
							7	SM	0	903	0	0	
							Totals:		0	20,000	0	0	34,800,000
Need ID: 22453 Name: Dalton Highway Mile Point 0-10 (Milepost 0-9) Reconstruction (Livengood to 9 Mile Hill)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	6	Northern Region	Dalton Highway	Reconstruction	2322	4	NHFP	0	0	0	33,658,900	
							4	SM	0	0	0	3,341,100	
Description: Reconstruct the Dalton Hwy to improve substandard sections, this work will include the replacement of the Lost Creek Culvert with bridge #2322. This project is the initial stage of a large scale effort to reconstruct critical segments of this highway prior to construction of the proposed natural gas pipeline.							Totals:		0	0	0	37,000,000	0

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Need ID: 22475 Name: Dalton Highway Mile Point 306-337 (Milepost 305-335) Upgrades (Sag Camp to Happy Valley)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	40	Northern Region	Dalton Highway	Reconstruction		2	NHPP	0	1,546,490	0	0	
							2	SM	0	153,510	0	0	
Description: Reconstruct or repair select sections of roadway and resurface roadway. Replace Dan Creek Bridge #1521.							Totals:		0	1,700,000	0	0	50,000,000
Need ID: 22480 Name: Dalton Highway Mile Point 290-307 (MP 289-305) Rehabilitation (Kuparuk to Sag Camp)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	40	Northern Region	Dalton Highway	Reconstruction		4	AC	0	36,388,000	0	0	
							4	ACC	0	0	-18,194,000	-18,194,000	
Description: Rehabilitate and widen the Dalton Highway including minor realignments and grade raises. Construct turnouts and snowdrift mitigation features.							4	NHPP	0	0	18,194,000	18,194,000	
							4	SM	0	3,612,000	0	0	
							Totals:		0	40,000,000	0	0	0
Need ID: 22481 Name: Dalton Highway Mile Point 363-417 (Milepost 362-414) Reconstruction (Pump 2 to Deadhorse)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	40	Northern Region	Dalton Highway	Reconstruction		4	AC	47,304,400	0	0	0	
							4	ACC	0	-23,652,200	-23,652,200	0	
Description: Reconstruct and pave 52 miles of the Dalton Highway. This corridor will be reconstructed in four segments: NID 29449, 29450, 29451, and the last stage of work will be to pave the entire project corridor under this NID.							4	NHPP	0	23,652,200	23,652,200	0	
							4	SM	4,695,600	0	0	0	
							Totals:		52,000,000	0	0	0	0
Need ID: 23657 Name: Nulato Airport Access Road Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	N	39	Nulato		Bridge Replacement	1382	3	SM	903	0	0	0	
Description: Rehabilitate the Nulato Airport Access Road and Mukluk Creek Bridge #1382.							3	STP	9,097	0	0	0	
							4	AC	3,183,950	0	0	0	
							4	ACC	0	-1,591,975	-1,591,975	0	
							4	SM	316,050	0	0	0	
							4	STP	0	1,591,975	1,591,975	0	
							Totals:		3,510,000	0	0	0	0

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Project							2020-2023 Draft STIP											
Need ID: 23675 Name: Selawik Barge Landing Access Road and Boardwalk Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023					
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s												
CTP	N	40	Selawik		Reconstruction		4	AC	0	0	4,366,560	0						
Description: Rehabilitate the existing barge landing access road, construct a new gravel barge staging pad, install lighting, and replace sections of existing boardwalk. Will also include rehabilitation of the utility crossing at the land fill.							4	ACC	0	0	0	-4,366,560						
							4	SM	0	0	433,440	0						
							4	STP	0	0	0	4,366,560						
							Totals:		0	0	4,800,000	0	0					
Need ID: 24518 Name: Elliott Highway Mile Point 0-12 (Milepost 0-12) Rehabilitation (Fox to Haystack)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023					
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s												
NHS	N	4	Northern Region	Elliott Highway	System Preservation	836	4	ACC	-10,600,466	0	0	0						
Description: Rehabilitation, restoration and resurfacing. Also includes shoulder widening in selected areas. Work includes bridge rehabilitation to Chatanika River Bridge #836							4	NHPP	10,600,466	0	0	0						
							Totals:		0	0	0	0	0					
Need ID: 25596 Name: Rosie Creek Road Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023					
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s												
CTP	N	5	Fairbanks		Reconstruction		2	3PF	42,892	0	0	0						
Description: Improve Rosie Creek Road from Chena Ridge to Becker Ridge, to include alignment, shoulder work, repair and overlay of pavement, and improving the intersection at Chena Ridge.							2	STP	432,108	0	0	0						
							3	3PF	4,515	0	0	0						
							3	STP	45,485	0	0	0						
							4	3PF	0	361,200	0	0						
							4	STP	0	3,638,800	0	0						
							7	3PF	0	9,030	0	0						
							7	STP	0	90,970	0	0						
							Totals:		525,000	4,100,000	0	0	0					
Need ID: 25598 Name: Richardson Highway Mile Point 358-364 (Milepost 357-362) Bicycle/Pedestrian Path							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023					
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s												
TRAAK	N	2	Northern Region	Richardson Highway	New Construction		Totals:						0	0	0	0	4,600,000	
Description: Construct a paved bicycle/pedestrian path on the Richardson Highway 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.																		

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Need ID: 26057 Name: Nome Port Road Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	N	39	Nome		Reconstruction		3	3PF	6,772	0	0	0	
Description: Widen and resurface the existing Port Road, including but not limited to: drainage improvements, safety improvements and pedestrian facilities.							3	SM	6,773	0	0	0	
							3	STP	136,455	0	0	0	
							4	3PF	0	320,565	0	0	
							4	AC	0	6,458,870	0	0	
							4	ACC	0	0	-3,229,435	-3,229,435	
							4	SM	0	320,565	0	0	
							4	STP	0	0	3,229,435	3,229,435	
							7	3PF	4,515	0	0	0	
							7	SM	4,515	0	0	0	
							7	STP	90,970	0	0	0	
Need ID: 26076 Name: Aurora Drive-Noyes Slough Bridge Replacement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	N	1	Fairbanks	N/A	Bridge Rehabilitation	209	3	SM	35,217	0	0	0	
Description: Replace the Noyes Slough Bridge on Aurora Drive in Fairbanks.							3	STP	354,782	0	0	0	
							7	SM	27,090	0	0	0	
							7	STP	272,910	0	0	0	
Need ID: 26082 Name: Old Steese Highway Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	N	4	Fairbanks		Reconstruction		2	SM	0	90,300	0	0	
Description: Reconstruct the Old Steese Highway from Wendell Street Bridge to the intersection at Johansen Expressway.							2	STP	0	909,700	0	0	

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Need ID: 26085 Name: Nome Seppala Drive Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	N	39	Nome		Reconstruction		3	SM	27,090	0	0	0	
Description: Realign and rehabilitate Seppala Drive in Nome from the intersection of Bering Street to the intersection of Airport Terminal Road.							3	STP	272,910	0	0	0	
							4	AC	0	0	8,642,150	0	
							4	ACC	0	0	0	-4,321,075	
							4	SM	0	0	857,850	0	
							4	STP	0	0	0	4,321,075	
							7	SM	0	270,900	0	0	
							7	STP	0	2,729,100	0	0	
							Totals:		300,000	3,000,000	9,500,000	0	4,321,075
Need ID: 26155 Name: Nome Bering Street Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	N	39	Nome		Reconstruction		4	SM	419,895	0	0	0	
Description: Repave Bering Street from Front Street to the intersection of Greg Kruschek Ave/Little Creek Road. Project will include minimal drainage improvements, asphalt repair, improve curb ramps to meet ADA standards as required according to the Alaska Highway Preconstruction Manual, and constructing a pedestrian facility path from the existing sidewalk to the end of the project.							4	STP	4,230,105	0	0	0	
							Totals:		4,650,000	0	0	0	0
Need ID: 26156 Name: Nome Center Creek Road Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	N	39	Nome		System Preservation		2	SM	22,575	0	0	0	
Description: Rehabilitate Center Creek Road in Nome from Seppala Drive to Nome-Teller Hwy, including realignment of Center Creek Road and FAA/Doyle Road intersections. Rehabilitation includes resurfacing, drainage improvements, re-shape, pave, install signage and road markers.							2	STP	227,425	0	0	0	
							3	SM	0	15,351	0	0	
							3	STP	0	154,649	0	0	
							4	AC	0	0	0	11,234,795	
							4	SM	0	0	0	1,115,205	
							7	SM	0	10,204	0	0	
							7	STP	0	102,796	0	0	
							Totals:		250,000	283,000	0	12,350,000	11,234,795

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Project							2020-2023 Draft STIP						
Need ID: 26157 Name: Parks Highway Mile Point 195-196 (Milepost 231) Enhancements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	6	Northern Region	Parks Highway	Transportation Enhancements	694	3	NHPP	45,485	0	0	0	
Description: Construct dedicated pedestrian facilities at McKinley Village including intersection improvements, a rest area, and trail and pedestrian facility connections. Work includes bridge work on Nenana River Park Boundary Bridge #694							4	NHPP	0	0	9,097,000	0	
							4	SM	0	0	903,000	0	
							Totals:		50,000	0	10,000,000	0	0
Need ID: 26161 Name: Fairbanks Air Quality Planning Project							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	N	5	Fairbanks		Congestion		9	CMAQ-M	72,776	72,776	72,776	72,776	
Description: The goal of this project is to update the local transportation model and EPA mobile source emission model. Fairbanks is a newly designated PM 2.5 non-attainment area and also a CO Maintenance area. An up to date transportation model and EPA mobile source emission model are needed for on-going transportation and air quality planning activities in the community. This project will provide funding to conduct federally mandated Air Quality Conformity Analysis for all long range and short term planning documentation.							Totals:		80,000	80,000	80,000	80,000	160,000
Need ID: 27010 Name: Northern Region Signal Interconnect							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	N	60	Northern Region		ITS		4	CMAQ-F	150,000	0	0	0	
Description: Improve capabilities of the Northern Region to communicate with signals, allowing for troubleshooting, signal timing modifications, and monitoring at single/multiple location(s). Project will include upgrades at NR Headquarters and incorporate improvements to interconnecting communication systems (for security and reliability), controller upgrades, signal timing plans, and other related items. Provide any related items and Training, Maintenance, and Operational funding as allowed by ITS.							4	CMAQ-M	4,473,500	4,548,500	4,473,500	4,548,500	
							4	SM	451,500	451,500	451,500	451,500	
Totals:		5,075,000	5,000,000	4,925,000	5,000,000	5,000,000							

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Project							2020-2023 Draft STIP							
Need ID: 27049 Name: Whitshed Road and Pedestrian Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s								
CTP	N	32	Cordova		New Construction		3	3PF	0	27,090	0	0		
Description: Provide pedestrian accommodations along Whitshed Road from the intersection with the Copper River Highway to the intersection with Orca Inlet Drive. Approximately .75 miles in length.							3	SM	0	27,090	0	0		
							3	STP	0	545,820	0	0		
							4	3PF	0	0	338,625	0		
							4	AC	0	0	6,822,750	0		
							4	SM	0	0	338,625	0		
							7	3PF	0	22,575	0	0		
							7	SM	0	22,575	0	0		
							7	STP	0	454,850	0	0		
							Totals:			0	1,100,000	7,500,000	0	6,822,750
							Need ID: 27524 Name: Denali Highway Mile Point 24-25 (Milepost 22) Rock Creek Bridge Replacement							Ph
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s								
AHS	N	9	Northern Region	Denali Highway	Bridge Replacement	684	4	AC	0	5,185,290	0	0		
Description: Replace Rock Creek Bridge #0684 on the Denali Highway.							4	ACC	0	0	-5,185,290	0		
							4	SM	0	514,710	0	0		
							4	STP	0	0	5,185,290	0		
							Totals:			0	5,700,000	0	0	0
Need ID: 27525 Name: McCarthy Road Mile Point 60-61 (Milepost 27) Chokosna River Bridge Replacement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s								
AHS	N	6	Northern Region	Edgerton Highway	Bridge Replacement	1193	4	FLAP	0	2,500,000	0	0		
Description: Replace the Chokosna River Bridge #1193 of McCarthy Road, (aka Edgerton Hwy/McCarthy Road). Work may include minor realignment to facilitate construction of the new bridge.							4	SM	0	413,055	0	0		
							4	STP	0	1,886,945	0	0		
							Totals:			0	4,800,000	0	0	0

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Project							2020-2023 Draft STIP						
Need ID: 27542 Name: Chena Hot Springs Road Mile Point 0-6 (Milepost 0 to 6) Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
AHS	N	60	Fairbanks	N/A	System Preservation		2	ACC	-545,820	0	0	0	
Description: Rehabilitate Chena Hot Springs Road.							2	STP	545,820	0	0	0	
							4	AC	13,194,000	0	0	0	
							4	ACC	0	0	-8,194,000	-5,000,000	
							4	SM	1,806,000	0	0	0	
							4	STP	5,194,000	0	8,194,000	5,000,000	
							7	SM	22,575	0	0	0	
							7	STP	227,425	0	0	0	
Need ID: 28069 Name: Richardson Highway Mile Point 360-361 (Milepost 359) Railroad Grade Separated Facility							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	2	Fairbanks	Richardson Highway	New Construction		2	NHPP	1,333,752	0	0	0	
Description: Construct grade-separated facility on the Richardson Highway to improve operations and reduce railroad/vehicle conflicts. Work includes a new bridge.							2	SM	94,248	0	0	0	
							3	NHPP	0	181,940	0	0	
							3	SM	0	18,060	0	0	
							7	NHPP	0	0	3,638,800	0	
							7	SM	0	0	361,200	0	
Need ID: 28429 Name: Parks Highway Mile Point 147-157 (Milepost 183-192) Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Totals:						
NHS	N	9	Northern Region	Parks Highway	Reconstruction	260			0	0	0	0	32,000,000
Description: Reconstruct the Parks Highway and replace the East Fork Chulitna River Bridge #0260.													
Need ID: 29232 Name: Committed Measures for the Fairbanks SIP							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	N	5	Fairbanks	N/A	Congestion		0	CMAQ-M	1,728,430	1,728,430	1,728,430	1,728,430	
Description: This project is to fund committed measures identified in the Fairbanks SIP that addresses the Fairbanks PM2.5 non-attainment.							0	SM	171,570	171,570	171,570	171,570	

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Project							2020-2023 Draft STIP						
Need ID: 29655 Name: University Ave Rehabilitation: Thomas St to Chena River (Segment I)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	5	Fairbanks	N/A	System Preservation	263	4	AC	0	16,374,600	0	0	
Description: Widen and reconstruct University Avenue to current standards from Thomas Street to the Chena River, including replacement of University Ave Bridge #0263. This project is associated with NIDs 29656, 31155, 31577, 31578, and the parent design project NID 3821.							4	ACC	0	0	-8,187,300	-8,187,300	
							4	NHPP	0	0	8,187,300	8,187,300	
							4	SM	0	1,625,400	0	0	
							Totals:		0	18,000,000	0	0	0
Need ID: 29656 Name: University Ave Rehabilitation: Chena River to Parks Highway (Segment II)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	5	Fairbanks	N/A	Reconstruction	263	4	NHPP	9,343,937	0	0	0	
Description: Widen and reconstruct University Avenue to current standards from the Chena River to the Parks Highway. This project is associated with NID 29655, 31155, 31577, 31578, and the parent design project NID 3821.							4	SFF	8,850,063	0	0	0	
							4	SM	1,806,000	0	0	0	
							Totals:		20,000,000	0	0	0	0
Need ID: 29812 Name: Richardson Highway Mile Point 117-151 (Milepost 115-148) Rehabilitation & Widening							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	6	Gakona	Richardson Highway	System Preservation	7129	3	NHPP	409,026	0	0	0	
Description: Rehabilitate the Richardson Highway including rehabilitation of Gulkana River Bridge #0574. Replace culvert at Bear Creek with a bridge. Construction will happen in three stages, under NID 31286, NID 32579, and the parent NID 29812.							3	SM	40,241	0	0	0	
							Totals:		449,267	0	0	0	28,000,000
Need ID: 29829 Name: Steese Expressway / Johansen Expressway Interchange							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	2	Fairbanks	Steese Highway	New Construction		2	NHPP	2,274,250	0	0	0	
Description: 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. Work includes a new bridge.							2	SM	225,750	0	0	0	
							3	NHPP	0	2,729,100	0	0	
							3	SM	0	270,900	0	0	
							7	NHPP	0	909,700	0	0	
							7	SM	0	90,300	0	0	
							Totals:		2,500,000	4,000,000	0	0	40,000,000

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Project							2020-2023 Draft STIP						
Need ID: 29973 Name: Richardson Highway Mile Point 68-84 (Milepost 65-80) Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	7	NHPP	0	272,910	0	0	
NHS	N	9	Northern Region	Richardson Highway	System Preservation	569	7	SM	0	27,090	0	0	
							Totals:		0	300,000	0	0	31,600,000
Description: Rehabilitate the Richardson Highway, including bridge rehabilitation to Bridge 570, Squirrel Creek and replacing Tonsina River Bridge #569.													
Need ID: 30150 Name: Steese Highway Mile Point 4-6 (Milepost 4.5) (CHSR) Off-Ramp Bypass Lane							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	NHPP	363,880	0	0	0	
NHS	N	4	Fairbanks	Steese Highway	New Construction		4	SM	36,120	0	0	0	
Description: Construct a bypass lane and retaining wall at the Steese Highway north bound ramp to Chena Hot Springs Road.							Totals:		400,000	0	0	0	0
Need ID: 30270 Name: Dalton Highway Mile Point 120-136 (Milepost 120-135) Reconstruction (Pung Creek to Prospect Creek)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	0	32,749,200	0	
NHS	N	40	Northern Region	Dalton Highway	Reconstruction		4	SM	0	0	3,250,800	0	
Description: Reconstruction, including widening, spot repairs and resurfacing of approximately 15 miles of the Dalton Highway. This project is associated with NID 30276 and the parent design project NID 22452.							Totals:		0	0	36,000,000	0	32,749,200
Need ID: 30276 Name: Dalton Highway Mile Point 109-121 (Milepost 109-120) Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Totals:		0	0	0	0	34,000,000
NHS	N	40	Northern Region	Dalton Highway	Reconstruction								
Description: Reconstruction, including widening, spot repairs and resurfacing of approximately 9 miles of the Dalton Highway. This project is associated with NID 30270 and the parent design project NID 22452.													
Need ID: 30278 Name: Parks Hwy Mile Point 127-139 (Milepost 163-168.5,169.5-174) Rehabilitation, excluding R/R crossing							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	4,000,000	0	0	0	
NHS	N	9	Northern Region	Parks Highway	System Preservation		4	ACC	0	0	-4,000,000	0	
Description: Rehabilitate the Parks Highway to improve drainage and construct passing lanes. The grade separated crossing will take place under Need ID 22331, the parent design project and also associated with NID 30279.							4	NHPP	15,614,000	0	4,000,000	0	
							4	SM	1,386,000	0	0	0	
							Totals:		21,000,000	0	0	0	0
Need ID: 30280 Name: Alaska Highway Mile Point 12-29 (Milepost 1235-1251) Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	NHPP	0	0	25,471,600	0	
NHS	N	6	Northern Region	Alaska Highway	System Preservation	503	4	SM	0	0	2,528,400	0	
							Totals:		0	0	28,000,000	0	0
Description: Rehabilitate the Alaska Highway, including repairs to Gardiner Creek Bridge #503 and Ten Mile Creek Bridge #7085 This project is also associated with NID 22299, the parent design project.													

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Project							2020-2023 Draft STIP						
Need ID: 30285 Name: Dalton Highway Mile Point 18-26 (Milepost 18-25) Reconstruction and Bridge Replacement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	0	18,194,000	0	
NHS	N	6	Northern Region	Dalton Highway	Reconstruction	1213	4	SM	0	0	1,806,000	0	
Description: Reconstruction, including widening, spot repairs and resurfacing of approximately 7 miles of the Dalton Highway in the Hess Creek Area, including widening and rehabilitation of Hess Creek Bridge #1213. This project is also associated with 22446.							Totals:		0	0	20,000,000	0	18,194,000
Need ID: 30369 Name: Northern Region ADA Reconnaissance and Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	SM	31,605	212,205	189,630	158,025	
REQD	N	93	Northern Region	N/A	Reconstruction		0	STP	318,395	2,137,795	1,910,370	1,591,975	
Description: This project will design and construct improvements recommended by the Northern Region ADA Reconnaissance Study.							Totals:		350,000	2,350,000	2,100,000	1,750,000	3,400,000
Need ID: 30429 Name: Tok Cutoff Mile Point 37-50 (Milepost 38-50) Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	ACC	-16,674,398	0	0	0	
NHS	N	99	Chistochina	Tok Cutoff	Reconstruction	651	4	NHPP	16,674,398	0	0	0	
Description: Rehabilitate the Tok Cutoff. Improvements will include drainage, embankment stabilization and rebuilding the pavement structure. Bridge rail upgrades and deck repairs to Indian River Bridge #0651.							Totals:		0	0	0	0	0
Need ID: 30995 Name: Parks Highway Mile Point 172-175 (Milepost 208-210) Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	NHPP	0	636,790	0	0	
NHS	N	6	Northern Region	Parks Highway	Reconstruction	302	2	SM	0	63,210	0	0	
Description: Reconstruct the Parks Highway.							Totals:		0	700,000	0	0	5,400,000

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Project							2020-2023 Draft STIP						
Need ID: 30998 Name: Elliott Highway Milepost 51-63 Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	6	Northern Region	Elliott Highway	Reconstruction	440	2	NHPP	0	454,850	0	0	
Description: Rehabilitate the Elliott Highway from MP 51-MP 63, including the Tolovana Bridge #440. Some segments may require construction of a new alignment and major rehabilitation (MP 52-55). Work includes resurfacing, roadside hardware, drainage improvements, and utilities.							2	SM	0	45,150	0	0	
							4	AC	0	0	0	27,291,000	
							4	SM	0	0	0	2,709,000	
							7	NHPP	0	0	90,970	0	
							7	SM	0	0	9,030	0	
							Totals:			0	500,000	100,000	30,000,000
Need ID: 31278 Name: Parks Highway Little goldstream Creek Bridge Replacement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	6	Nenana	Parks Highway	Reconstruction	678	4	NHPP	0	4,548,500	0	0	
Description: Reconstruct the Little Goldstream Creek Bridge.							4	SM	0	451,500	0	0	
							Totals:			0	5,000,000	0	0
Need ID: 31286 Name: Richardson Highway Mile Point 139-151 Milepost 137-148 Rehabilitation and Widening (Stage I of III)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	N	6	Gakona	Richardson Highway	Reconstruction	575	4	AC	0	29,110,400	0	0	
Description: Rehabilitate the Richardson Highway, including repairs to Sourdough Creek Bridge #575. This project will be constructed in three segments, under NID 31286 NID 32579 and the parent NID 29812.							4	ACC	0	0	-15,000,000	-14,110,400	
							4	NHPP	0	0	15,000,000	14,110,400	
							4	SM	0	2,889,600	0	0	
							Totals:			0	32,000,000	0	0
Need ID: 31596 Name: Winter Trail Marking							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	N	99	Various	N/A	Other		2	SM	9,030	9,030	9,030	9,030	
Description: Mark overland winter trails in Northern and Central Region with semi-permanent trail markers. Trail markers will ensure winter travelers can safely journey between communities in the area.							2	STP	90,970	90,970	90,970	90,970	
							4	SM	45,150	67,725	67,725	67,725	
							4	STP	454,850	682,275	682,275	682,275	
							Totals:			600,000	850,000	850,000	850,000

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Project							2020-2023 Draft STIP						
Need ID: 31656 Name: Chena Pump Road Bike and Pedestrian Facility Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	CMAQ-M	1,455,520	0	0	0	
TRAAK	N	5	Fairbanks	N/A	System Preservation		4	SM	144,480	0	0	0	
Description: 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, drainage and roadside hardware.							Totals:		1,600,000	0	0	0	0
Need ID: 31878 Name: Fairbanks North Pole Serious Statewide Implementation Plan							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	SM	93,912	93,912	0	0	
REQD	N	60	Fairbanks	N/A	Planning		9	STP	946,088	946,088	0	0	
Description: The Fairbanks/North Pole Serious Statewide Implementation Plan will focus on the completion, submission, ensuring EPA approvability and implementation of the Fairbanks/North Pole Serious Statewide Implementation Plan (SIP). This includes the development of a mobile source emission budget for the nonattainment area and FMATS to ensure that the area remains eligible for federal highway funds.							Totals:		1,040,000	1,040,000	0	0	0
Need ID: 32099 Name: Nenana Bridge Project							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	BUILD	9,174,000	0	0	0	
REQD	N	6	Nenana	N/A	New Bridge Access			Totals:	9,174,000	0	0	0	0
Description: This project will construct two permanent fixed bridges across the Nenana River and the Nenana Slough. The project will complete a larger project to provide year round connection between 10th Avenue and Totchaket Road. This is a BUILD grant (Better Utilizing Investments to Leverage Development / BUILD Transportation Discretionary Grant).													
Need ID: 32218 Name: Prince William Sound Area Transportation Plan Update							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	PLNG	400,000	0	0	0	
REQD	N	99	Various	N/A	Planning		9	SM	100,000	0	0	0	
Description: Update the 2001 Prince William Sound Area Transportation Plan.							Totals:		500,000	0	0	0	0

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Project							2020-2023 Draft STIP						
Need ID: 32219 Name: Northern Region ITS							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	SM	9,030	22,575	22,575	0	
REQD	N	93	Various	N/A	ITS		0	STP	90,970	227,425	227,425	0	
Description: Purchase, install, repair, replace, redeploy, operate, and maintain, as allowed by ITS regulations, traffic signal, traveler, information, traffic incident management and illumination, and other Intelligent Transportation Systems (ITS) equipment and activities, improving operations such as remote operation of traffic signals, provide traveler information via changeable message signs and 511, and energy/cost saving in roadway illumination.							Totals:		100,000	250,000	250,000	0	0
Need ID: 32579 Name: Richardson Highway Mile Point 131-141 (Milepost 128-138) Rehabilitation (Stage II of III)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	0	0	22,742,500	
NHS	N	9	Gulkana	Richardson Highway	Reconstruction		4	SM	0	0	0	2,257,500	
Description: Rehabilitate the Richardson Highway. This project will be constructed in three segments, under NID 31286, this NID and the parent NID 29812.							Totals:		0	0	0	25,000,000	22,742,500
Need ID: 32580 Name: Richardson Highway Bear Creek Bridge #0593 Replacement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	NHPP	545,820	0	272,910	0	
NHS	N	9	Various	Richardson Highway	Reconstruction	593	2	SM	54,180	0	27,090	0	
Description: Replace Bear Creek Bridge #0593.							4	AC	0	0	0	5,185,290	
							4	SM	0	0	0	514,710	
							Totals:		600,000	0	300,000	5,700,000	5,185,290

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Project							2020-2023 Draft STIP							
Central Region														
Need ID: 2231 Name: Bethel Tundra Ridge Road							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	SM	36,120	0	0	0		
CTP	C	38	Bethel		System Preservation		2	STP	363,880	0	0	0		
Description: Resurface Tundra Ridge Road.							3	SM	0	9,030	0	0	0	
							3	STP	0	90,970	0	0	0	
							4	AC	0	0	4,366,560	0	0	
							4	ACC	0	0	0	-4,366,560	0	
							4	SM	0	0	433,440	0	0	
							4	STP	0	0	0	4,366,560	0	
							Totals:		400,000	100,000	4,800,000	0	0	0
Need ID: 2320 Name: Glenn Highway Mile Point 45-49 (Milepost 53-56) Reconstruction Moose Creek Canyon							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	NHPP	725,700	0	0	0		
NHS	C	9	Central Region	Glenn Highway	Reconstruction	541	2	SM	72,035	0	0	0		
Description: Reconstruct approximately 3 miles of Glenn Highway, including replacement of the Moose Creek Bridge. Project straightens horizontal curve. Includes Bridge No. 0541 Moose Creek.							3	NHPP	2,729,100	0	0	0	0	
							3	SM	270,900	0	0	0	0	
							4	AC	0	0	0	45,465,000	0	
							4	SM	0	0	0	4,535,000	0	
							7	NHPP	0	0	0	909,300	0	
							7	SM	0	0	0	90,700	0	
							Totals:		3,797,735	0	0	51,000,000	45,465,000	0
Need ID: 2481 Name: Seward Meridian Road Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	3	ACC	-4,352,423	0	0	0		
CTP	C	7	Central Region	N/A	Reconstruction		3	STP	4,352,423	0	0	0		
Description: This is the final phase of the Seward Meridian Parkway project, and consists of upgrading Seward Meridian Road to four lanes with a center turn lane, and a pathway from Palmer-Wasilla Highway to Bogard Road and extend Seward Meridian Road to connect with Seldon Road including upgrading the existing 6/10ths of a mile of of the existing road serving Teeland Middle School, Mat-Su Career and Tech High School, and Fonteras K-8 school. Project also includes installation of signal at the intersection with Seldon Road.							4	AC	0	24,727,465	0	0	0	
							4	ACC	0	0	-24,727,465	0	0	
							4	SM	0	2,454,535	0	0	0	
							4	STP	0	0	24,727,465	0	0	
							7	AC	0	6,185,960	0	0	0	
							7	ACC	0	0	-6,185,960	0	0	
							7	SM	0	614,040	0	0	0	
							7	STP	0	0	6,185,960	0	0	
							Totals:		0	33,982,000	0	0	0	0
Need ID: 2503 Name: Wasilla Fishhook Road / Main Street							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	0	0	27,745,850		
NHS	C	7	Wasilla	N/A	Reconstruction	4033	4	SM	0	0	0	2,754,150		
Description: Develop a one-way couplet in downtown Wasilla bounded by Bogard Road, Knik-Goose Bay Road/Main Street, Yenlo/Talkeetna Street and the Palmer-Wasilla Highway. This project is needed to mitigate traffic congestion in downtown Wasilla, and is the initial effort to begin addressing the capacity and safety needs of the Knik-Goose Bay corridor. Knik-Goose Bay Road is a designated Safety Corridor.							7	NHPP	0	0	0	1,364,550	0	
							7	SM	0	0	0	135,450	0	
							Totals:		0	0	0	32,000,000	27,745,850	0

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Need ID: 2617 Name: Seward Highway Mile Point 17-23 (Milepost 17-22.5) Rehabilitation Snow River to Lawing							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	29	Central Region	Seward Highway	Bridge Rehabilitation	603	2	NHPP	136,455	0	0	0	
						605	2	SM	13,545	0	0	0	
						607	4	AC	0	46,214,100	0	0	
							4	ACC	0	0	-23,107,050	-23,107,050	
							4	NHPP	0	0	23,107,050	23,107,050	
							4	SFF	0	11,500,000	0	0	
							4	SM	0	4,785,900	0	0	
							7	NHPP	0	2,025,902	0	0	
							7	SM	0	201,098	0	0	
											Totals:		
Description: Project will replace the bridge at Victor Creek (bridge no. 0607), rehabilitate both bridges over Snow River (bridge nos. 0605 & 0603), rehabilitate the roadway and may include widening shoulders and the construction of passing lanes where feasible. Project is coordinated with, and will include the construction of, nonmotorized pathway facilities on and adjacent to the Snow River Bridge being done as an environmental mitigation project (Need ID 32778) to offset the impacts of the Sterling Highway MP 45-60 Construction Projects (Need ID's 2673, 32300, 32319, 32682, 32683).													
Need ID: 2620 Name: Seward Highway Mile Point 24-36 (Milepost 25-36) Rehabilitation Moose Pass to Sterling Wye							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	29	Central Region	Seward Highway	System Preservation		3	NHPP	591,045	0	0	0	
							3	SM	58,955	0	0	0	
							4	AC	0	0	0	27,291,000	
							4	SM	0	0	0	2,709,000	
							7	NHPP	0	0	0	136,455	
							7	SM	0	0	0	13,545	
											Totals:		
Description: Rehabilitate roadway as needed. Project may include sight distance improvements and other safety improvements.													

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Project							2020-2023 Draft STIP						
Need ID: 2670 Name: Sterling Highway Mile Point 116-129 (Milepost 157-169) Rehabilitation Anchor Point to Baycrest Hill							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Totals:						
NHS	C	31	Central Region	Sterling Highway	Reconstruction	666 4020			0	0	0	0	77,000,000
Description: Provide passing lanes, widening and realignment as needed to address safety and passing opportunities, and resurface pavement between Anchor Point and the top of Homer Hill. Also includes the replacement of bridge #666 and bridge #4020. Project will be coordinated with, and partially funded by, the Highway Safety Improvement Program.													
Need ID: 2673 Name: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Totals:						
NHS	C	29	Central Region	Sterling Highway	New Construction		2	ACC	-6,488,544	-6,000,000	0	0	
Description: Construct approximately 15 miles of new two-lane highway with 12-foot driving lanes, paved shoulders and passing and climbing lanes where necessary. This is the overall design and right-of-way acquisition for the entire termini. Construction is expected to happen in six stages. The first two construction stages are identified under Need ID 32300, Need ID 32319. This Need ID includes all remaining funds and will be used for the final stage of construction. Additional Need ID's will be created as the construction stages move into the programmed years of the STIP.							2	NHPP	6,488,544	9,638,800	1,819,400	1,819,400	
							2	SM	0	361,200	180,600	180,600	
							3	AC	3,002,010	0	0	0	
							3	ACC	0	-3,002,010	0	0	
							3	NHPP	0	3,002,010	0	0	
							3	SM	297,990	0	0	0	
							Totals:		3,300,000	4,000,000	2,000,000	2,000,000	35,000,000
Need ID: 6087 Name: Highway Safety Improvement Program/Safety Management							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Totals:						
REQD	C	92	Central Region	N/A	Safety		9	SA	607,500	607,500	607,500	607,500	
							9	SM	67,500	67,500	67,500	67,500	
Description: HSIP Management, studies and responses on safety-related issues.							Totals:		675,000	675,000	675,000	675,000	1,350,000
Need ID: 6460 Name: AMATS CTP Program Allocation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Totals:						
CTP	C	50	Anchorage	N/A	System Preservation		0	3PF	623,102	623,102	623,102	623,102	
Description: AMATS CTP Program Allocation. See AMATS TIP for projects.							0	SM	1,869,304	1,869,304	1,869,304	1,869,304	
							0	STP	27,601,390	27,601,390	27,601,390	27,601,390	
							Totals:		30,093,796	30,093,796	30,093,796	30,093,796	30,093,796

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Need ID: 9299 Name: AMATS CMAQ Allocation for Qualifying Air Quality Projects							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	CMAQ-M	2,101,733	2,101,733	2,101,733	2,101,733	
REQD	C	50	Anchorage	N/A	Congestion		0	SM	209,642	209,642	209,642	209,642	
Description: This is an additional allocation for projects utilizing federal mandatory Congestion Mitigation and Air Quality Improvement (CMAQ) funding on qualifying projects.							Totals:		2,311,375	2,311,375	2,311,375	2,311,375	2,311,375
Need ID: 11439 Name: Whittier Tunnel: Maintenance and Operations							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	NHPP	3,775,255	3,775,255	3,775,255	3,775,255	
NHS	C	28	Whittier	N/A	Other		4	SM	374,745	374,745	374,745	374,745	
Description: Maintenance and operations for federal-aid eligible portion of Whittier tunnel and approaches.							Totals:		4,150,000	4,150,000	4,150,000	4,150,000	8,300,000
Need ID: 11925 Name: Seward Hwy Mile Point 74-90 (Milepost 75-90) Ingram Creek to Girdwood Rd and Bridge Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	ACC	-17,209,754	0	0	0	
NHS	C	28	Central Region	Seward Highway	Reconstruction	636	4	NHPP	17,209,754	0	0	0	
						638	Totals:		0	0	0	0	0
						639	Description: The project includes rehabilitation of the highway including passing lanes, and parking accommodations from just north of Twenty Mile River to the Alyeska Highway and construction of three replacement bridges within this segment at Glacier Creek (bridge #639), Virgin Creek(bridge #638), and Petersen Creek (bridge #636). Project also includes rehabilitation of three miles of highway near the southern termini of the Project including construction of passing lanes and the rehabilitation of the Ingram Creek Bridge near the southern termini of the project. Final construction of middle segment will occur as project Need ID 30569.						
Need ID: 12641 Name: Seward Highway Mile Point 104-107 (Milepost 105-107) Passing Lanes Indian to Potter							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	0	70,046,900	0	
NHS	C	28	Anchorage	Seward Highway	Reconstruction		4	SM	0	0	6,953,100	0	
Description: The project includes improvements in the Windy Corner area of the Seward Highway to consisting of highway realignment, wildlife viewing turnouts, and railroad relocation as needed. Project would coordinate construction of auxiliary lanes and other safety improvements funded through HSIP.							7	NHPP	0	0	1,364,550	0	
							7	SM	0	0	135,450	0	
							Totals:		0	0	78,500,000	0	70,046,900

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Project							2020-2023 Draft STIP						
Need ID: 18924 Name: Pavement and Bridge Preservation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	NHPP	32,748,200	32,748,200	32,748,200	32,748,200	
REQD	C	92	Central Region	N/A	System Preservation		0	SM	4,876,200	5,056,800	5,056,800	5,056,800	
Description: Crack sealing, surface treatment drainage, signage, guardrail, illumination, and other refurbishments to prolong the life of road pavement and bridges and their safety related structures. Project includes NHS Lane Delineators, Destination & Distance Signing, Pavement Markings and Signalization, Abandoned Vehicle Program, Road Surfacing and Transfer, Road Surface Treatments, and improve curb ramps to meet ADA standards (in coordination with Need ID 30397). The scope does not include landscaping or other elements inconsistent with a pavement preservation focus.							0	STP	16,375,600	18,195,000	18,195,000	18,195,000	
							Totals:						
Need ID: 23197 Name: Homer Lake Street Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	SM	550,830	0	0	0	
CTP	C	31	Homer	N/A	Reconstruction		4	STP	5,549,170	0	0	0	
Description: Rehabilitate pavement of approximately 0.47 miles, construct a sidewalk on both sides of the road, improve the intersection at Pioneer to enhance safety, and provide drainage improvements. Lake Street is located in downtown Homer, between the Sterling Highway and Pioneer Avenue.							7	SM	81,270	0	0	0	
							7	STP	818,730	0	0	0	
							Totals:				7,000,000	0	0
Need ID: 23207 Name: Kenai Beaver Loop Road Improvement and Pedestrian Pathway							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	ACC	0	-9,734,655	0	0	
CTP	C	30	Kenai	N/A	Reconstruction		4	STP	0	9,734,655	0	0	
Description: Resurface existing Beaver Loop Roadway, add paved shoulders and separated pedestrian pathway. Length is approx 3.75 miles. The City of Kenai will assume ownership and maintenance of this state owned facility upon project completion.							7	ACC	-1,387,860	0	0	0	
							7	STP	1,387,860	0	0	0	
							Totals:				0	0	0

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Project							2020-2023 Draft STIP						
Need ID: 24596 Name: Knik Goose Bay Road Reconstruction Centaur Avenue to Vine Road Stage 2							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	3	ACC	-5,140,806	-5,140,805	0	0	
NHS	C	7	Wasilla	N/A	New Construction		3	NHPP	5,140,806	12,873,255	0	0	
Description: Project consists of widening the Knik-Goose Bay Road to a divided 4 lane facility from Centaur Avenue (near the Parks Highway) to Vine Road, a distance of 6.44 miles. Scope includes separated bike/ped facilities, appropriate safety engineering strategies such as rumble strips and reducing/combining access points that are determined to be most effective at reducing crashes along the road. Project will be constructed in two stages. The first stage of construction will be funded under NID 32298 and this NID will fund the second and final construction segment.							3	SM	0	767,550	0	0	
							Totals:		0	8,500,000	0	0	40,000,000
Need ID: 26124 Name: Gold Creek Bridge and Tatalina Bridge Replacement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	3	SM	0	1,517	0	0	
CTP	C	37	Takotna	N/A	Bridge Replacement	462	3	STP	0	15,283	0	0	
Description: Replace existing 1972 bridge over Gold Creek (bridge #0473) and raise the elevation of the approaches and replacement bridge to allow flood water and ice flow. Project also includes replacement of Tatalina Bridge (bridge #0462).							4	AC	0	3,365,890	0	0	
							4	ACC	0	0	-3,365,890	0	
							4	SM	0	334,110	0	0	
							4	STP	0	0	3,365,890	0	
							7	SM	0	22,575	0	0	
							7	STP	0	227,425	0	0	
							Totals:		0	3,966,800	0	0	0
Need ID: 28089 Name: Glenn Highway Mile Point 59 - 85 (Milepost 66.5 to 92) Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	NHPP	1,819,400	1,364,550	1,819,400	2,274,250	
NHS	C	9	Central Region	Glenn Highway	System Preservation		2	SM	180,600	135,450	180,600	225,750	
Description: This project is the design effort for rehabilitation of the Glenn Highway from King River to Cascade. Actual construction work is being phased under separate projects identified elsewhere in the STIP as Need ID's 29930, 29931, 30396, and 31493.							Totals:		2,000,000	1,500,000	2,000,000	2,500,000	69,890,000

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Project							2020-2023 Draft STIP						
Need ID: 29730 Name: Seward Highway Dowling Road Interchange Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	23	Anchorage	Seward Highway	Reconstruction		4	AC	0	0	0	30,705,104	
Description: Project will improve the Dowling Road roundabouts, the associated highway ramps, and make other improvements as needed to enhance safety and increase traffic flow.							4	SM	0	0	0	3,047,896	
							7	NHPP	0	0	0	1,819,400	
							7	SM	0	0	0	180,600	
							Totals:		0	0	0	35,753,000	30,705,104
Need ID: 29731 Name: Seward Highway O'Malley Road to Dimond Boulevard Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	26	Anchorage	Seward Highway	Reconstruction		2	NHPP	2,501,675	0	0	0	
Description: This project funds the design and ROW purchase for the final segments of this project reconstructing the Seward Highway from Dimond Boulevard to O'Malley Road and includes an underpass to connect 92nd Avenue (west of the Seward Highway) with Academy Drive (east of the Seward Highway), and construction is funded under Need ID 30691.							2	SM	248,325	0	0	0	
							3	ACC	-3,626,937	0	0	0	
							3	NHPP	3,626,937	0	0	0	
							Totals:		2,750,000	0	0	0	0
Need ID: 29736 Name: Parks Highway Mile Point 13-18 (MP 48.8 to MP 52.3) Pittman Road to Big Lake Road Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	8	Central Region	Parks Highway	New Construction		4	AC	23,199,883	0	0	0	
Description: Widen Parks Highway to four lanes with attendant traffic and safety improvements between Pittman Road and Big Lake Cutoff. Project is coordinated with HSIP safety improvements.							4	ACC	0	-23,199,883	0	0	
							4	EMRK	4,326,928	0	0	0	
							4	NHPP	19,097,000	23,199,883	0	0	
							4	SM	4,646,189	0	0	0	
							7	NHPP	7,864,357	0	0	0	
							7	SM	780,644	0	0	0	
Totals:		59,915,001	0	0	0	0							
Need ID: 29737 Name: Parks Highway Bridge Replacement Montana Creek, Sheep Creek, and Goose Creek Bridges							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	10	Willow	Parks Highway	Bridge Replacement	213	4	AC	0	16,749,941	0	0	
						215	4	ACC	0	0	-8,374,970	-8,374,971	
						4040	4	NHPP	0	0	8,374,970	8,374,971	
							4	SFF	0	12,347,659	0	0	
							4	SM	0	2,902,400	0	0	
							7	NHPP	0	100,023	0	0	
							7	SM	0	9,977	0	0	
Totals:		0	32,110,000	0	0	0							

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Project							2020-2023 Draft STIP						
Need ID: 29911 Name: Vine Road Improvements Knik-Goosebay Road to Hollywood Blvd.							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
AHS	C	8	Central Region	N/A	System Preservation		2	SM	40,184	0	0	0	
Description: Project will rehabilitate the existing two-lane rural road from the Hollywood Boulevard to Knik-Goose Bay Road. The road will be designed to accommodate ongoing traffic growth. Scope includes repairing roadbed, drainage improvements, repaving, pedestrian accommodations and possible HSIP safety improvements.							2	STP	404,816	0	0	0	
							3	AC	0	3,296,753	0	0	
							3	ACC	0	0	-3,296,753	0	
							3	SM	0	327,247	0	0	
							3	STP	0	0	3,296,753	0	
							4	AC	0	0	0	5,640,140	
							4	SM	0	0	0	559,860	
							7	SM	0	0	0	207,690	
							7	STP	0	0	0	2,092,310	
							Totals:						
Need ID: 29913 Name: Sterling Safety Corridor Improvements Mile Point 45 - 58 (Milepost 82.5 to 94)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	29	Soldotna	Sterling Highway	New Construction		2	NHPP	0	5,913,050	0	0	
Description: Projects consists of expanding the highway from Soldotna to Sterling as a 4 lane highway. Also included are a pathway and HSIP funded safety improvements such as continuous illumination, medians, and center turn lanes.							2	SM	0	586,950	0	0	
							3	NHPP	0	363,720	0	0	
							3	SM	0	36,280	0	0	
							Totals:						
Need ID: 29930 Name: Glenn Highway Rehabilitation Long Lake Section: Mile Point 76-85 (Milepost 84.5 to 92)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	9	Chickaloon	Glenn Highway	Reconstruction		3	NHPP	1,469,166	0	0	0	
Description: Improve alignment and mitigate rockfall. Project design efforts under parent project Need ID 28089.							3	SM	145,835	0	0	0	
							Totals:						
Need ID: 29931 Name: Glenn Highway Rehabilitation Mile Point 70-77 (Milepost 79-84.5)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	9	Central Region	Glenn Highway	Reconstruction		3	NHPP	0	0	0	490,328	
Description: Improve alignment and mitigate rockfall. Project design efforts under parent project Need ID 28089.							3	SM	0	0	0	0	48,672
							Totals:						
Need ID: 30389 Name: Central Region ITS Repair and Upgrade Project							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	C	92	Various	N/A	ITS		0	NHPP	682,275	682,275	682,275	682,275	
Description: Purchase, install, repair, replace, redeploy, operate, and maintain, as allowed by ITS regulations, traffic signal, traveler information, traffic incident management, and illumination, and other Intelligent Transportation Systems (ITS) equipment and activities, improving operations such as remote operation of traffic signals, provide traveler information via changeable message signs and 511, and energy/cost saving in roadway illumination.							0	SM	67,725	67,725	67,725	67,725	
							Totals:						

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Project							2020-2023 Draft STIP						
Need ID: 30397 Name: Central Region ADA Compliance Project							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	SM	27,090	4,515	221,235	4,515	
REQD	C	92	Various	N/A	Reconstruction		0	STP	272,910	45,485	2,228,765	45,485	
Description: This project will provide ADA improvements along State owned and operated routes in the Central Region. Initial phase includes auditing State roads to determine ADA compliance and identify those issues that can be quickly resolved. Prioritization and construction of needed ADA improvements will be identified per audit.							Totals:		300,000	50,000	2,450,000	50,000	2,450,000
Need ID: 30549 Name: Kenai Spur Road Rehabilitation Stage 2							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	22,669,368	0	0	0	
NHS	C	30	Soldotna	N/A	New Construction		4	ACC	0	-22,669,368	0	0	
Description: Rehabilitate 5.7 miles of the Kenai Spur Highway between Soldotna and Kenai to increase capacity and improve safety. Project will be constructed in two phases. This second phase will construct a 5-lane highway to increase capacity and improve safety from Sports Lake Road to Robin Street. Federal funds will supplement GO Bonds to complete the improvement (see NID 27473).							4	BOND	480,391	0	0	0	
							4	NHPP	0	22,669,368	0	0	
							4	SM	2,250,241	0	0	0	
							7	NHPP	4,546,500	0	0	0	
							7	SM	453,500	0	0	0	
							Totals:		30,400,000	0	0	0	0
Need ID: 30569 Name: Seward Highway Mile Point 76 - 81 (Milepost 77 to 81) Placer River to Twenty Mile River							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	0	86,421,500	0	
						627	4	ACC	0	0	0	-46,421,500	
						629	4	NHPP	0	0	0	46,421,500	
						630	4	SM	0	0	8,578,500	0	
						631	7	NHPP	0	0	3,002,010	0	
NHS	C	28	Anchorage	Seward Highway	Reconstruction	634	7	SM	0	0	297,990	0	
Description: The project consists of final work to rehabilitate the Seward Highway including minor realignment and replacement of the following bridges: Placer River Overflow 0627, Placer River Main Cross 0629, Portage Creek 0630 & 0631, 20 Mile River 0634. (Parent Design project: NID 11925).							Totals:		0	0	98,300,000	0	40,000,000
Need ID: 30691 Name: Seward Highway O'Malley Road to Dimond Boulevard Reconstruction Phase II							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Totals:						
NHS	C	26	Anchorage	Seward Highway	Reconstruction				0	0	0	0	113,800,000
Description: This is the second phase of the Seward Highway project, and will reconstructs the Seward Highway from Dimond Boulevard to O'Malley Road. Project includes an underpass to connect 92nd Avenue (west of the Seward Highway) with Academy Drive (east of the Seward Highway). The design is under Need ID 29731.													
Need ID: 31270 Name: Parks Highway: Houston to Willow Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	NHPP	545,820	454,850	0	0	
NHS	C	10	Central Region	Parks Highway	Reconstruction		2	SM	54,180	45,150	0	0	
Description: Project consist of rehabilitation of the highway including any needed safety and capacity improvements to the Parks Highway between Houston and Willow.							Totals:		600,000	500,000	0	0	18,975,000

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Project							2020-2023 Draft STIP							
Need ID: 31274 Name: Glenn Highway: Airport Heights to Parks Highway Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	0	0	36,388,000		
NHS	C	13	Anchorage	Glenn Highway	Reconstruction		4	SM	0	0	0	3,612,000		
Description: Project consists of rehabilitation the Glenn Highway between Airport Heights and the Parks Highway to be coordinated with HSIP safety improvements.							Totals:		0	0	0	40,000,000	36,388,000	
Need ID: 31276 Name: Old Sterling Highway: Anchor River Bridge Replacement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	BOND	8,310,000	0	0	0		
NHS	C	31	Anchor Point	N/A	Bridge Replacement	910	4	OSF	3,690,000	0	0	0		
Description: Project consists of design effort to replace the Anchor River Bridge on the Old Sterling Highway.							7	OSF	10,000	0	0	0	0	
							Totals:		12,010,000	0	0	0	0	
Need ID: 31329 Name: Glenn Highway: South Inner Springer Loop (Cienna Avenue) to Old Glenn Highway							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	ACC	-14,412,880	-14,412,880	0	0		
NHS	C	11	Palmer	Glenn Highway	New Construction		4	NHPP	14,412,880	14,412,880	0	0		
Description: Reconstruct to four lanes, pathway and shoulders. Accommodate turning movements, add frontage roads, traffic, safety, and intersection improvements, as necessary and feasible. This project is the first segment of the Parent Design project Need ID 11959 the Glenn Highway: Parks Highway to Old Glenn Highway and is also associated with Need ID 31330.							Totals:		0	0	0	0	0	
Need ID: 31330 Name: Glenn Highway: Parks Highway to South Inner Springer Loop (Cienna Avenue)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	34,553,400	0	0		
NHS	C	11	Palmer	Glenn Highway	New Construction		4	ACC	0	0	-17,276,700	-17,276,700		
Description: Reconstruct to four lanes, pathway and shoulders. Accommodate turning movements, add frontage roads, traffic, safety, and intersection improvements, as necessary and feasible. This project is the second segment of the Parent Design project Need ID 11959 the Glenn Highway: Parks Highway to Old Glenn Highway and is also associated with Need ID 31329.							4	NHPP	0	0	17,276,700	17,276,700		
							4	SM	0	3,446,600	0	0		
							7	AC	0	9,093,000	0	0		
							7	ACC	0	0	-9,093,000	0		
							7	NHPP	0	0	9,093,000	0		
							7	SM	0	907,000	0	0		
							Totals:		0	48,000,000	0	0	0	
Need ID: 31493 Name: Kings River Bridge Replacement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	0	0	14,688,016		
NHS	C	9	Central Region	Glenn Highway	Bridge Replacement	544	4	SM	0	0	0	1,457,984		
Description: Replace Kings River Bridge on Glenn Highway.							Totals:		0	0	0	16,146,000	14,688,016	
Need ID: 31496 Name: Anton Anderson Memorial (Whittier) Tunnel							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	4,548,500	0	0		
NHS	C	28	Whittier	N/A	System Preservation		4	ACC	0	0	-4,588,500	0		
Description: Project consists of improvement to the driving surface and rail bed as well as replacement of toll facility and other equipment							4	NHPP	0	0	4,588,500	0		
							4	SM	0	451,500	0	0		
							Totals:		0	5,000,000	0	0	0	

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Need ID: 31847 Name: Bethel Chief Eddie Hoffman Highway Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	SM	225,750	0	0	0	
AHS	C	37	Bethel	N/A	Reconstruction		2	STP	2,274,250	0	0	0	
Description: Project will reconstruct Chief Eddie Hoffman Highway from Airport to watsons Corner. Project will likely include widening sections of the highway to provide additional through travel lanes, horizontal or vertical re-alignment, and intersection improvements.							3	SM	0	0	90,300	0	
							3	STP	0	0	909,700	0	
							Totals:		2,500,000	0	1,000,000	0	24,000,000
Need ID: 31898 Name: Nelson Island Accessibility & Transportation Infrastructure Viability Enhancement (NATIVE)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	100,000	0	0	0	
REQD	C	38	Nelson Island	N/A	New Construction		0	TIGER	10,176,835	0	0	0	
Description: This TIGER grant will construct approximately 21 miles of multimodal trails comprised of above ground, synthetic Geocell mats with an open configuration to protect native vegetation, including necessary fish culverts and bridges, connecting Toksook Bay to Nightmute and Unkumiut.							Totals:		10,276,835	0	0	0	0
													0
Need ID: 32298 Name: Knik Goose Bay Road Reconstruction Centaur Avenue to Vine Road Stage 1							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	40,026,800	0	0	
NHS	C	70	Wasilla	N/A	Reconstruction		4	SM	0	3,973,200	0	0	
Description: Project consists of widening the Knik-Goose Bay Road to a divided 4 lane facility from Centaur Avenue (near the Parks Highway) to Vine Road, a distance of 6.44 miles. Scope includes separated bike/ped facilities, appropriate safety engineering strategies such as rumble strips and reducing/combining access points that are determined to be most effective at reducing crashes along the road. Project will be constructed in two phases. The first stage of construction will be funded under this Need ID and the final stage under Need ID 24596.							7	AC	0	13,645,500	0	0	
							7	SM	0	1,354,500	0	0	
							Totals:		0	59,000,000	0	0	53,672,300
Need ID: 32299 Name: Takotna River Bridge Replacment							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	3	SFF	9,097	0	0	0	
AHS	C	38	Takotna	N/A	Bridge Replacement	463	3	SM	903	0	0	0	
Description: Replace existing 80 year old bridge over the Takotna River (bridge #0464), that is severely weight restricted.							4	SFF	0	6,367,900	0	0	
							4	SM	0	632,100	0	0	
							7	SFF	0	272,910	0	0	
							7	SM	0	27,090	0	0	
							Totals:		10,000	7,300,000	0	0	0
Need ID: 32300 Name: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 1							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	15,464,900	0	0	0	
NHS	C	29	Kenai	Sterling Highway	New Construction		4	ACC	0	-15,464,900	0	0	
Description: This is the initial construction phase of the parent project, Need ID 2673. This initial construction project consists of environmental mitigation efforts, advance clearing of entire Sterling Highway (MP 45-60) project corridor, and of work on the existing Sterling Highway alignment west of Cooper Landing at approximately MP 55.5 to 58.1.							4	NHPP	0	15,464,900	0	0	
							4	SM	1,535,100	0	0	0	
							7	NHPP	909,700	0	0	0	
							7	SM	90,300	0	0	0	
							Totals:		18,000,000	0	0	0	0

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Need ID: 32319 Name: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 2							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	29	Kenai	Sterling Highway	New Construction		4	AC	0	60,222,140	0	0	
Description: This is the second construction phase of the parent project, Need ID 2673 to construct new two-lane highway with 12-foot driving lanes, paved shoulders and passing and climbing lanes where necessary. This project is also associated with Need ID 32300.							4	ACC	0	0	0	-60,222,140	
							4	NHPP	0	0	0	60,222,140	
							4	SM	0	5,977,860	0	0	
							7	AC	0	909,700	0	0	
							7	ACC	0	0	-909,700	0	
							7	NHPP	0	0	909,700	0	
							7	SM	0	90,300	0	0	
							Totals:						
Need ID: 32338 Name: Seward Highway Mile Point 98-105 (Milepost 99-105) Bird and Indian Improvements Stage 2							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	28	Anchorage	Seward Highway	New Construction		4	ACC	-7,604,111	0	0	0	
Description: Design and construct Seward Highway improvements. Project includes passing lanes and bike/ped trail. Includes replacement of bridge over Indian Creek. This Need ID was created as the previous Need ID 12640 was used to construct the first segment of this project.							4	NHPP	7,604,111	0	0	0	
							7	ACC	-1,563,953	0	0	0	
							7	NHPP	1,563,953	0	0	0	
Totals:									0	0	0	0	0
Need ID: 32682 Name: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 3							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	C	29	Kenai	Sterling Highway	New Construction		4	AC	0	0	154,649,000	0	
Description: This is the third construction phase of the parent project, Need ID 2673 to construct new two-lane highway with 12-foot driving lanes, paved shoulders and passing and climbing lanes where necessary. This project is also associated with Need ID 32300, 32319, and 32683.							4	SM	0	0	15,351,000	0	
							Totals:						
Need ID: 32683 Name: Sterling hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 4							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	C	29	Kenai	Sterling Highway	New Construction		4	AC	0	0	0	77,779,350	
Description: This is the fourth construction phase of the parent project, Need ID 2673 to construct new two-lane highway with 12-foot driving lanes, paved shoulders and passing and climbing lanes where necessary. This project is also associated with Need ID 32300, 32319, and 32682.							4	SM	0	0	0	7,720,650	
							Totals:						
Need ID: 32778 Name: Snow River Bridges Nonmotorized Pathway as Environmental Mitigation for Sterling Highway MP 45-60 Co							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	C	28	Anchorage	Seward Highway	New Construction		2	NHPP	136,455	0	0	0	
Description: Project will construct a nonmotorized pathway to be attached to the Snow River Bridges on the Seward Highway. This projects is intended to mitigate the impacts associated with the Sterling Highway MP 45-60 Construction Projects (Need ID's 2673, 32300, 32319, 32682, 32683). Construction of the nonmotorized pathway will occur concurrent with and coordinated with the Seward Highway MP 17-22.5 Project (Need ID 2617) which includes sholuder widening to accomodate nonmotorized use.							2	SM	13,545	0	0	0	
							4	NHPP	0	1,819,400	0	0	
							4	SM	0	180,600	0	0	
Totals:									150,000	2,000,000	0	0	0

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Project							2020-2023 Draft STIP							
Marine Highways														
Need ID: 5985 Name: Shoreside Facilities Condition Survey							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	FBF	0	240,000	0	240,000		
AHS	M	99	Statewide	Marine Highway	Planning		9	SM	0	60,000	0	60,000		
Description: Conduct and document shoreside facilities condition surveys. Prepare annual survey updates.							Totals:			0	300,000	0	300,000	300,000
Need ID: 6413 Name: Fleet Condition Survey Update							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	FBF	400,000	400,000	400,000	400,000		
AHS	M	99	Statewide	Marine Highway	Planning		9	SM	100,000	100,000	100,000	100,000		
Description: Update AMHS fleet condition survey.							Totals:			500,000	500,000	500,000	500,000	1,000,000
Need ID: 13883 Name: Skagway Terminal Modifications							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	3PF	0	45,150	0	0		
AHS	M	33	Skagway	Marine Highway	Ferry Boats		2	FBF	0	400,000	0	0		
Description: Replace existing mooring float and transfer bridge, refurbish existing side berth mooring structures and construct new mooring structures to provide end berth for Alaska Class Ferry vessels.							2	SM	0	54,850	0	0		
							3	3PF	0	9,030	0	0		
							3	FBF	0	80,000	0	0		
							3	SM	0	10,970	0	0		
							4	3PF	0	1,986,600	0	0		
							4	AC	0	17,600,000	0	0		
							4	ACC	0	0	-8,800,000	-8,800,000		
							4	FBF	0	0	8,800,000	8,800,000		
							4	SM	0	2,413,400	0	0		
							Totals:			0	22,600,000	0	0	0
Need ID: 18358 Name: Ferry Refurbishment							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	FBF	13,500,000	13,500,000	13,500,000	13,500,000		
AHS	M	99	Statewide	Marine Highway	Ferry Boats		0	SM	3,375,000	3,375,000	3,375,000	3,375,000		
Description: Annual ferry refurbishment, regulatory driven, dry-docking. Address vessel refurbishment priorities as established in annual AMHS Fleet Condition Survey Report.							Totals:			16,875,000	16,875,000	16,875,000	16,875,000	33,750,000

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Need ID: 18359 Name: Design Construct Lease Purchase Ferryboats and Terminals							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	FBF	640,000	640,000	640,000	0	
AHS	M	99	Statewide	Marine Highway	Ferry Boats		0	SM	160,000	160,000	160,000	0	
Description: Design/construct/lease/purchase ferryboats and terminals for AMHS.							Totals:		800,000	800,000	800,000	0	1,600,000
Need ID: 29709 Name: Auke Bay Ferry Terminal Modification and Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	FBF	160,000	0	0	0	
AHS	M	34	Juneau	Marine Highway	Ferry Boats		2	SM	40,000	0	0	0	
Description: Reconfigure the existing stern berth facility to accommodate the Alaska Class Ferry vessel.							4	FBF	4,640,000	0	0	0	
							4	SM	1,160,000	0	0	0	
							Totals:		6,000,000	0	0	0	0
Need ID: 30189 Name: AMHS Tustumena Replacement Vessel							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	208,645,319	0	0	0	
AHS	M	99	Statewide	Marine Highway	Ferry Boats		4	EMRK	7,499,131	0	0	0	
Description: Construct a replacement ferry to service Southcentral and Southwest Alaska coastal communities.							4	OSF	22,000,000	0	0	0	
							Totals:		238,144,450	0	0	0	206,807,142
Need ID: 30529 Name: AMHS Ferry Terminal Storage Tank Removal							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	ACC	-850,003	0	0	0	
NHS	M	99	Statewide	Marine Highway	Ferry Boats		4	FBF	850,003	0	0	0	
Description: Remove and replace underground storage tanks at AMHS ferry terminals.							Totals:		0	0	0	0	0
Need ID: 31098 Name: Ketchikan Ferry Terminal Improvements Stage II							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	2,400,000	0	0	
AHS	M	36	Ketchikan	Marine Highway	Reconstruction		4	ACC	0	0	-1,200,000	-1,200,000	
Description: This project will remedy structural and operational deficiencies at the Ketchikan AMHS Ferry Terminal. This project will replace and refurbish existing vessel mooring and berthing structures, provide a new mooring dolphin structure and construct upland access and terminal building improvements. Stage 1 of 2 stage project (NID 27450).							4	FBF	0	0	1,200,000	1,200,000	
							4	SM	0	600,000	0	0	
							Totals:		0	3,000,000	0	0	0
Need ID: 31922 Name: Auke Bay Ferry Terminal Building Refurbishment							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	FBF	120,000	0	0	0	
REQD	M	80	Juneau	Marine Highway	Reconstruction		2	SM	30,000	0	0	0	
Description: Refurbish the existing Auke Bay Ferry Terminal building structure.							4	FBF	0	504,000	0	0	
							4	SM	0	126,000	0	0	
							Totals:		150,000	630,000	0	0	0

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Project							2020-2023 Draft STIP							
Southcoast Region														
Need ID: 2436 Name: Kodiak - Otmeloi Way Reconstruction							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	3	OSF	0	0	500,000	0		
CTP	S	32	Kodiak	N/A	Reconstruction		4	ILLU	0	0	3,400,000	0		
Description: Reconstruct approximately one mile of Otmeloi Way. Road improvements will include grading, drainage, paving, and construction of pedestrian facilities. Realignment and lighting as needed. Upon completion, ownership and maintenance responsibility for Otmeloi Way and associated facilities will be transferred to the Kodiak Island Borough.							4	OSF	0	0	1,450,000	0		
							7	OSF	0	0	750,000	0		
							Totals:				0	0	6,100,000	0
Need ID: 7174 Name: Highway Safety Improvement Program/Safety Management							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	SA	204,683	204,683	20,317	204,683		
REQD	S	91	Southcoast Region		Planning		9	SM	20,317	20,317	204,683	20,317		
Description: HSIP Management, studies and responses on safety-related issues.							Totals:			225,000	225,000	225,000	225,000	450,000
Need ID: 8990 Name: Ketchikan - Water Street Trestle No. 1 Improvement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	3	3PF	9,030	0	0	0		
CTP	S	36	Ketchikan		Bridge Rehabilitation	389	3	STP	90,970	0	0	0		
Description: Replace or rehabilitate Water Street Trestle No. 1 (No. 389).							4	3PF	0	207,690	0	0		
							4	STP	0	2,092,310	0	0		
							7	3PF	0	9,030	0	0		
							7	STP	0	90,970	0	0		
							Totals:			100,000	2,400,000	0	0	0
Need ID: 18922 Name: Pavement and Bridge Preservation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	NHPP	4,093,650	4,093,650	4,093,650	4,093,650		
REQD	S	91	Southcoast Region		System Preservation		0	SM	1,309,350	1,309,350	1,309,350	1,309,350		
Description: Crack sealing, surface treatment drainage, signage, guardrail, illumination and other refurbishments to prolong the life of road pavement and bridges and their safety related structures. Project includes NHS Lane Delineators, Destination & Distance Signing, Pavement Markings and Signalization, Abandoned Vehicle Program, Road Surfacing and Transfer and Road Surface Treatments.							0	STP	9,097,000	9,097,000	9,097,000	9,097,000		
							Totals:			14,500,000	14,500,000	14,500,000	14,500,000	29,000,000
Need ID: 21114 Name: Ketchikan - S. Tongass Hwy Improvements Deermount to Saxman							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	0	22,726,499	0		
AHS	S	36	Ketchikan	South Tongass Highway	Reconstruction		4	ACC	0	0	0	-22,726,499		
Description: Reconstruct roadway and related non-motorized facilities, as necessary, to improve safe movement of vehicle, bicycle and pedestrian traffic on Stedman and South Tongass Hwy. Project begins at approximately Deermount Street and ends approximately 0.2 miles before Totem St. in Saxman; total project length is about 2 miles long. Include pedestrian and bicycle improvements as needed throughout the project with improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.							4	SM	0	0	2,255,912	0		
							4	STP	0	0	0	22,726,499		
							7	SM	0	0	36,120	0		
							7	STP	0	0	363,880	0		
							Totals:			0	0	25,382,411	0	0

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Project							2020-2023 Draft STIP							
Need ID: 22279 Name: Haines Hwy Reconstruction & Chilkat Bridge Replacement: Mile Point 22 to 25 (Milepost 23 to 25.3)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	0	10,556,540	0		
NHS	S	33	Haines	Haines Highway	Reconstruction	742	4	ACC	0	0	0	-10,000,000		
Description: Replace bridge #742. Possible realignment of road on either side. Widen road to 36'. Straighten curves to meet a 55 mph design speed. Provide a long-term solution to debris flow problems. Enhancements planned along the Chilkat River. This is one of three construction projects that fall under the Haines Highway Reconstruction design project, Need ID 2152. Other construction segments under Need IDs 26330 and 27829.							4	NHPP	0	0	6,000,000	10,000,000		
							4	SM	0	0	1,643,460	0		
							7	NHPP	0	0	545,820	0		
							7	SM	0	0	54,180	0		
							Totals:		0	0	18,800,000	0	556,540	
Need ID: 23455 Name: Ketchikan - S Tongass Hwy Improvements Saxman to Surf St							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	AC	0	0	8,323,755	0		
AHS	S	36	Ketchikan	South Tongass Highway	Reconstruction		4	ACC	0	0	0	-8,323,755		
Description: Reconstruct South Tongass Highway from Saxman to Surf Street. Construct pedestrian facilities through this segment on the water side. Construct guardrail and drainage improvements as needed.							4	SM	0	0	826,245	0		
							4	STP	0	0	0	8,323,755		
							7	AC	0	0	1,819,400	0		
							7	ACC	0	0	0	-1,819,400		
							7	SM	0	0	180,600	0		
							7	STP	0	0	0	1,819,400		
							Totals:		0	0	11,150,000	0	0	
Need ID: 23563 Name: Egan Drive Improvements - Main St to 10th St.							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	ACC	-5,846,279	0	0	0		
NHS	S	33	Juneau		Reconstruction		4	NHPP	5,846,279	0	0	0		
Description: Resurface Egan Drive from Main Street to 10th Street. Replace retaining wall under Merchants Wharf. Improve intersections, pedestrian facilities, add bike lanes as appropriate, and improve curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.							Totals:		0	0	0	0	0	
Need ID: 24337 Name: Skagway - State Street Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	3	NHPP	227,425	0	0	0		
NHS	S	33	Skagway	N/A	System Preservation		3	SM	22,575	0	0	0		
Description: Resurface State St. in Skagway and rehabilitate the subgrade and storm drain system as needed. Rehabilitate sidewalks per needs identified in Southcoast Region.							4	AC	0	11,894,692	0	0		
							4	ACC	0	0	-11,894,692	0		
							4	NHPP	0	0	11,894,692	0		
							4	SM	0	1,180,709	0	0		
							7	NHPP	0	9,097	0	0		
							7	SM	0	903	0	0		
							Totals:		250,000	13,085,401	0	0	0	

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Project							2020-2023 Draft STIP						
Need ID: 26110 Name: Sawmill Creek Road Reconstruction & Pedestrian Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
AHS	S	35	Sitka		Reconstruction		3	SM	63,210	0	0	0	
Description: Reconstruct the segment of Sawmill Creek Road between the roundabout and intersection of Jeff Davis Street. This project will include ADA compliant sidewalks on each side of the road, reconfiguration of lanes for improved bicycle access, improvements to the intersection of SMC Road and DeGroff St., and associated drainage improvements.							3	STP	636,790	0	0	0	
							4	SM	297,990	0	0	0	
							4	STP	3,002,010	0	0	0	
							Totals:			4,000,000	0	0	0
Need ID: 26112 Name: Juneau - Glacier Highway Improvements (Lemon Creek Area)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	S	33	Juneau	Glacier Highway	Reconstruction	793	4	AC	12,280,950	0	0	0	
Description: Resurface and improve Glacier Hwy from Glacier Highway Access Road to Twin Lakes. Improvements include: resurface entire length of roadway and address drainage needs, add pedestrian facilities on the water side of street, convert the Renninger Street intersection to a roundabout, add a traffic signal to the Davis Street intersection, adjust other driveways and intersections as needed, improve curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual, stripe bike lanes, determine crosswalk locations, install bus pullouts as needed, and address lighting needs.							4	ACC	0	-12,280,950	0	0	
							4	SM	1,219,050	0	0	0	
							4	STP	0	12,280,950	0	0	
							Totals:			13,500,000	0	0	0
Need ID: 26120 Name: King Cove Cold Bay Road							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	S	37	King Cove		New Construction		3	OSF	25,000	0	0	0	
Description: Construct a road connecting King Cove with Cold Bay and its all-weather airport. The project will construct 13.5 miles of new road and 5.6 miles of road reconstruction and realignment; single lane gravel road with turnouts.							4	OSF	0	30,000,000	0	0	
							Totals:			25,000	30,000,000	0	0
Need ID: 26330 Name: Haines Highway Reconstruction: Mile Point 11 to 23 (Milepost 12.2 to 23)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	S	33	Haines	Haines Highway	Reconstruction		4	AC	30,247,525	0	0	0	
Description: Widen the highway to a paved width of 36' and improve the roadside environment. Improve drainage, straighten selected curves to a 55 mph design speed where able and other improvements, including addressing the mudslide area. This is one of three construction projects that fall under the Haines Highway Reconstruction Design project. See Need ID's 2152, 22279, and 27829.							4	ACC	0	-30,247,525	0	0	
							4	NHPP	30,247,525	30,247,525	0	0	
							4	SM	6,004,950	0	0	0	
							7	NHPP	3,456,860	0	0	0	
							7	SM	343,140	0	0	0	
							Totals:			70,300,000	0	0	0
Need ID: 27766 Name: Ketchikan - So. Tongass Highway - Tongass Ave Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	S	36	Ketchikan	South Tongass Highway	System Preservation		2	NHPP	181,940	0	0	0	
Description: Resurface pavement and construct improvements along South Tongass Highway between Hoadley Creek Bridge and the Tongass Avenue Viaduct in the vicinity of Elliot Street.							2	SM	18,060	0	0	0	
							3	NHPP	181,940	0	0	0	
							3	SM	18,060	0	0	0	
							4	NHPP	4,548,500	0	0	0	
							4	SM	451,500	0	0	0	
							7	NHPP	454,850	0	0	0	
							7	SM	45,150	0	0	0	
Totals:			5,900,000	0	0	0							

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Project							2020-2023 Draft STIP							
Need ID: 28271 Name: Prince of Wales - Neck Lake Rd Reconstruction: NPOWI Hwy to Whale Pass							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Totals:							
CTP	S	35	Whale Pass	N/A	Reconstruction	2326 2327 2328 2329 2330 2331			0	0	0	0	23,000,000	
Description: Reconstruct approximately 7.9 miles of Neck Lake Road (South Whale Pass Rd) to provide a narrow two lane paved road. Project begins at junction with NPOWI Highway and ends at Whale Pass seaplane terminal and boat launch ramp. Project may be split into two segments: NPOWI Highway to Marine Access Facility Junction and Marine Access Facility Junction to Whale Pass. Major work items include clearing, grading, drainage, subexcavation, base, paving, bridge and culvert replacement, high reflectivity signage, installation of safety guardrail systems, revegetation, and slope stabilization.														
Need ID: 28549 Name: Southcoast Areawide ADA Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Totals:							
REQD	S	91	Southcoast Region	N/A	Reconstruction		0	SM	180,600	180,600	180,600	180,600		
Description: This project will provide ADA improvements along routes in Southcoast. Initial phase includes auditing routes to determine ADA compliance and identify those issues that can be quickly resolved. Prioritization and construction of needed ADA improvements will be identified per the audit.							0	STP	1,819,400	1,819,400	1,819,400	1,819,400		
							Totals:			2,000,000	2,000,000	2,000,000	2,000,000	4,000,000
Need ID: 28810 Name: Ketchikan - Herring Cove Bridge Improvement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Totals:							
AHS	S	36	Ketchikan	South Tongass Highway	Bridge Replacement	253	2	ACC	-1,116,719	0	0	0		
Description: Replace the Herring Cove Bridge (No. 253) to include pedestrian facilities and improve the intersection of S. Tongass and Powerhouse Rd. and the intersection of S. Tongass and Wood Rd.							2	STP	1,116,179	0	0	0		
							3	SM	23,577	0	0	0		
							3	STP	237,523	0	0	0		
							4	AC	5,576,116	0	0	0		
							4	ACC	0	-5,576,116	0	0		
							4	SM	553,505	0	0	0		
							4	STP	0	5,576,116	0	0		
							7	SM	117,132	0	0	0		
							7	STP	1,180,013	0	0	0		
														Totals:

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Project							2020-2023 Draft STIP						
Need ID: 28890 Name: Ketchikan - Sayles/Gorge St. Viaduct (#1841) Improvement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
CTP	S	36	Ketchikan	N/A	Bridge Replacement	1841	2	3PF	63,210	0	0	0	
Description: Replace or rehabilitate the Sayles/Gorge St. Viaduct (#1841) in Ketchikan.							2	ACC	-363,880	0	0	0	
							2	STP	1,000,670	0	0	0	
							3	3PF	9,030	0	0	0	
							3	STP	90,970	0	0	0	
							4	3PF	0	225,750	0	0	
							4	STP	0	2,274,250	0	0	
							7	3PF	9,030	0	0	0	
							7	STP	90,970	0	0	0	
							Totals:		900,000	2,500,000	0	0	0
Need ID: 29875 Name: Kodiak - Harbor Channel Bridge Improvement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
AHS	S	32	Kodiak	N/A	Bridge Rehabilitation	1189	4	AC	12,735,800	0	0	0	
Description: Rehabilitate the Harbor Channel Bridge on Near Island Bridge Road. Rehabilitate per items recommended on 2014 Bridge Assessment including deck rehabilitation and repainting the steel superstructure.							4	ACC	0	-6,367,900	-6,367,900	0	
							4	SM	1,264,200	0	0	0	
							4	STP	0	6,367,900	6,367,900	0	
							7	SM	9,030	0	0	0	
							7	STP	90,970	0	0	0	
							Totals:		14,100,000	0	0	0	0
Need ID: 29876 Name: Kodiak - Rezanoff Drive Resurface: Airport to Chiniak Hwy							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
AHS	S	32	Kodiak Station	N/A	System Preservation		4	ACC	-5,585,055	-5,000,000	0	0	
Description: Resurface Rezanoff Drive from the Airport to Chiniak Highway and repair a section of Rezanoff Drive from Carolyn St. to Marine Way. Address lighting, guardrails, drainage, culverts and other highway appurtenances as needed.							4	STP	5,585,055	5,000,000	0	0	
							Totals:		0	0	0	0	0
							Need ID: 29877 Name: Kodiak - Chiniak Hwy Rehabilitate: Mile Point 5 to 21 (Milepost 15 to 31)						
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
AHS	S	32	Kodiak Island	N/A	System Preservation		2	SM	0	451,500	0	0	
Description: Rehabilitate approximately 16 miles of the Chiniak Highway from Milepost 15 to the end of pavement to improve and preserve the roadway subgrade and surface. Address lighting, guardrails, drainage, culverts and other highway appurtenances as needed. This project is the Parent NID for design of the full corridor. The first segment will be constructed under Need ID 32639 and the final construction segment will use this NID.							2	STP	0	4,548,500	0	0	
							3	SM	0	18,060	0	0	
							3	STP	0	181,940	0	0	
							Totals:		0	5,200,000	0	0	32,384,370
Need ID: 29989 Name: Sand Point City Dock Replacement							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
AHS	S	37	Sand Point	Marine Highway	New Construction	1756	4	ACC	-5,000,000	-7,608,524	0	0	
Description: Construct a new multi-use dock. The new dock will replace an old city dock that currently accommodates fishing vessels, barges, and state ferries, but is nearing the end of its service life.							4	SM	0	7,608,524	0	0	
							4	STP	5,000,000	0	0	0	
							Totals:		0	0	0	0	0

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Project							2020-2023 Draft STIP						
Need ID: 30829 Name: New Gravina Island Shuttle Ferry Berth and Related Terminal Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	EMRK	11,970,688	0	0	0	
NHS	S	36	Ketchikan	N/A	New Construction		4	SM	1,188,252	0	0	0	
Description: Construct new ferry berth and other upland improvements to the airport ferry terminal on Gravina Island in Ketchikan, Alaska.							Totals:		13,158,940	0	0	0	0
Need ID: 30830 Name: Ketchikan - Revilla New Ferry Berth & Upland Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	2	ACC	-860,435	0	0	0	
NHS	S	36	Ketchikan	N/A	Reconstruction		2	EMRK	860,435	0	0	0	
Description: Construct new ferry terminal berthing facility for the airport ferry.							4	EMRK	26,435,092	0	0	0	
							4	SM	2,624,040	0	0	0	
							7	EMRK	68,228	0	0	0	
							7	SM	6,772	0	0	0	
							Totals:		29,134,132	0	0	0	0
Need ID: 30831 Name: Ketchikan - Revilla Refurbish Existing Ferry Berth							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	EMRK	3,638,800	0	0	0	
NHS	S	36	Ketchikan	N/A	Reconstruction		4	SM	361,200	0	0	0	
Description: Refurbish the existing airport ferry terminal in Ketchikan.							Totals:		4,000,000	0	0	0	0
Need ID: 30832 Name: Ketchikan - Revilla New Passenger Waiting Facility							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	EMRK	1,939,106	0	0	0	
NHS	S	36	Ketchikan	N/A	New Construction		4	SM	192,482	0	0	0	
Description: Construct new airport ferry passenger waiting building in Ketchikan							Totals:		2,131,588	0	0	0	0

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Project							2020-2023 Draft STIP						
Need ID: 30834 Name: Ketchikan - Gravina Refurbish Existing Ferry Berth Facility							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	S	36	Ketchikan	N/A	Reconstruction		4	EMRK	8,120,486	0	0	0	
Description: Reconstruct existing airport ferry terminal on Gravina Island.								Totals:	8,926,554	0	0	0	0
Need ID: 31029 Name: Ketchikan Airport Ferry Capacity Modifications							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	S	36	Ketchikan	N/A	Ferry Boats		4	EMRK	381,551	0	0	0	
Description: Modify existing airport ferry fleet to expand passenger and vehicle.								Totals:	419,425	0	0	0	0
Need ID: 31310 Name: Skagway - Klondike Highway Rehabilitation: Skagway River Bridge to Canadian Border							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	S	33	Skagway	Klondike Highway	System Preservation		2	NHPP	0	5,458,200	0	0	
Description: This project will provide for the rehabilitation of approximately 5 miles of the Klondike Highway (Skagway River Bridge to approximately U.S. Customs Station). Focus will be on rehabilitating the pavement, critical safety improvements, drainage, and related improvements as necessary. This project was designed under NID 31310 and this is the first segment of construction.							2	SM	0	541,800	0	0	
							3	NHPP	0	0	9,097	0	
							3	SM	0	0	903	0	
							7	NHPP	0	0	9,097	0	
							7	SM	0	0	903	0	
							Totals:		0	6,000,000	20,000	0	83,300,000
Need ID: 31718 Name: Ketchikan - S. Tongass Hwy - Replace Hoadley Creek Bridge							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
NHS	S	36	Ketchikan	South Tongass Highway	Bridge Replacement	725	2	NHPP	136,455	0	0	0	
Description: Rehabilitate or replace Hoadley Creek Bridge (Bridge #725).							2	SM	13,545	0	0	0	
							3	NHPP	0	90,970	0	0	
							3	SM	0	9,030	0	0	
							4	NHPP	0	0	2,729,100	0	
							4	SM	0	0	270,900	0	
							7	NHPP	0	9,097	0	0	
							7	SM	0	903	0	0	
							Totals:		150,000	110,000	3,000,000	0	0

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Project							2020-2023 Draft STIP							
Need ID: 31719 Name: Ketchikan - S. Tongass Hwy - Water Street Viaduct Improvements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s								
NHS	S	36	Ketchikan	South Tongass Highway	Bridge Rehabilitation	797	2	ACC	-403,907	0	0	0		
						997	2	NHPP	631,332	0	0	0		
						1130	2	SM	22,575	0	0	0		
							3	AC	0	363,880	0	0		
							3	ACC	0	0	-363,880	0		
							3	NHPP	0	0	363,880	0		
							3	SM	0	36,120	0	0		
							4	NHPP	0	0	10,461,550	0		
							4	SM	0	0	1,038,450	0		
							7	NHPP	0	18,194	0	0		
	7	SM	0	1,806	0	0								
Totals:									250,000	420,000	11,500,000	0	0	
Description: Rehabilitate pavement and make improvements to the Tongass Avenue and Water Street Viaduct structures (Bridge #997 and #797) and the South Tongass Highway Tunnel (Bridge #1130).														
Need ID: 32639 Name: Kodiak - Chiniak Hwy Rehabilitate Stage 1							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s								
AHS	S	32	Kodiak	N/A	System Preservation		4	AC	0	0	14,555,200	0		
							4	SM	0	0	1,444,800	0		
Description: This is the initial construction phase of the parent project, Need ID 29877. Rehabilitate and address lighting, guardrails, drainage, culverts and other highway appurtenances as needed.														
Totals:									0	0	16,000,000	0	14,555,200	

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Project							2020-2023 Draft STIP						
Headquarters													
Need ID: 6446 Name: Annual Planning Work Program							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	8	PLNG	6,778,023	6,778,023	6,778,023	6,778,023	
REQD	H	99	Statewide		Planning		8	SM	1,704,917	1,716,772	1,716,772	1,716,772	
Description: State Transportation Improvement Program (STIP), State Transportation Plan, data collection and analysis, and management systems are Federally required elements of this program.							8	STP	18,000	18,000	18,000	18,000	
							8	URPL	88,511	207,938	207,938	207,938	
							Totals:		8,589,451	8,720,733	8,720,733	8,720,733	20,000,000
Need ID: 6447 Name: Bridge and Tunnel Inventory, Inspection, Monitoring, Preservation, Rehab and Replacement Program													
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
REQD	H	99	Statewide		Bridge Rehabilitation		0	NHPP	3,183,950	3,183,950	3,183,950	3,183,950	
Description: Inspection of all bridges and tunnels on public roads on a two-year cycle. The magnitude of structural deficiencies found during the inspection causes the subject bridge or tunnel to be eligible for preservation, rehabilitation or replacement with federal highway bridge program funding. Project also includes inspection of DOT-owned miscellaneous or ancillary structures on or adjacent to public roads, such as high tower structures, bridges less than 20' long and culverts with diameters greater than 10'.							0	STP	3,813,950	3,813,950	3,813,950	3,813,950	
							Totals:		7,630,000	7,630,000	7,630,000	7,630,000	0
Need ID: 6448 Name: Urban Planning Program													
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
REQD	H	99	Statewide		Planning		8	3PF	200,934	191,487	191,487	191,487	
Description: Local government transportation planning and special studies including AMATS and FMATS. AMATS and FMATS Long Range Transportation Plans and preparation of Transportation Improvement Programs are federally required elements of this program.							8	URPL	2,024,244	1,929,082	1,929,082	1,929,082	
							Totals:		2,225,178	2,120,569	2,120,569	2,120,569	4,300,000
Need ID: 6449 Name: Statewide: Highway Safety Improvement Program Safety Management													
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
REQD	H	99	Statewide		Planning		9	SA	477,000	477,000	477,000	477,000	
Description: HSIP Management, studies, responses, and policy making on safety-related issues.							9	SM	53,000	53,000	53,000	53,000	
							Totals:		530,000	530,000	530,000	530,000	1,060,000

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Project							2020-2023 Draft STIP						
Need ID: 6450 Name: USGS Flood Frequency and Analysis							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Statewide		Planning		9	NHPP	295,652	295,652	295,652	295,652	
Description: Cooperative effort with the US Geological Survey (approximately 50% cost share) to collect data on water levels. This data supports design of bridges and culverts primarily, but can also be used in design of road reconstruction and stormwater issues.							9	SM	58,696	58,696	58,696	58,696	
							9	STP	295,652	295,652	295,652	295,652	
							Totals:		650,000	650,000	650,000	650,000	1,200,000
Need ID: 6451 Name: Statewide Research Program							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Statewide		Research		8	RES	1,976,000	2,015,520	2,055,832	2,096,948	
Description: Federally funded research projects are selected by the Statewide Research Board to improve the quality and efficiency of Alaska's Transportation network. Example: Improve pavement materials to reduce rutting due to studded tires. This also pays for dues to other research entities that that the State of Alaska is required to participate in.							8	SM	494,000	503,880	513,958	524,237	
							Totals:		2,470,000	2,519,400	2,569,790	2,621,185	5,190,975
Need ID: 6452 Name: National Highway Institute Training							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Statewide		Training		9	SM	31,605	31,605	31,605	31,605	
Description: Technical training in engineering, planning, and administration related to federal highway program and funding.							9	STP	318,395	318,395	318,395	318,395	
							Totals:		350,000	350,000	350,000	350,000	700,000
Need ID: 6454 Name: Bridge Management System							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Statewide		Planning		9	NHPP	341,138	227,425	227,425	227,425	
Description: Development and continued maintenance of a management system for addressing bridge deficiencies on public roads which includes periodic updates to various bridge management reports.							9	SM	67,725	45,150	45,150	45,150	
							9	STP	341,137	227,425	227,425	227,425	
							Totals:		750,000	500,000	500,000	500,000	1,000,000

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Project							2020-2023 Draft STIP						
Need ID: 6455 Name: Small Hydrologic Investigations							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Statewide		Planning		9	NHPP	90,972	90,972	90,972	90,972	
							9	SM	9,028	9,028	9,028	9,028	
Description: Ad hoc response studies in various locations in cooperation with the US Geological Survey (approximately 50% cost share) and others (e.g., UAF, UAA, UAS & DNR-DGGS) to analyze hydrologic flood conditions. Also, the use of airborne survey technologies to track river ice accumulations during winter months.							Totals:		100,000	100,000	100,000	100,000	200,000
Need ID: 6457 Name: Seismic Bridge Retrofit Program							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Statewide		Bridge Rehabilitation		0	NHPP	113,713	113,713	432,107	432,107	
							0	SM	22,575	22,575	85,785	85,785	
Description: Structural evaluation, examination and enhancements to bridges that are determined to be insufficient in earthquake zones.							0	STP	113,712	113,712	432,108	432,108	
							Totals:		250,000	250,000	950,000	950,000	1,900,000
Need ID: 6458 Name: Civil Rights Program							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Statewide		Training		9	DBE	170,000	170,000	170,000	170,000	
							9	OJT	55,000	55,000	55,000	55,000	
Description: On the job training to provide training opportunities on construction jobs. Also, provides on-site construction review to assure compliance with Civil Rights laws.							Totals:		225,000	225,000	225,000	225,000	450,000
Need ID: 12259 Name: Recreational Trails Program							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Statewide		Transportation Enhancements		0	3PF	135,135	135,135	135,135	135,135	
							0	RTP	1,361,379	1,361,379	1,361,379	1,361,379	
Description: This program provides funding for various small recreational trail projects statewide. The program is administered by ADNR.							Totals:		1,496,514	1,496,514	1,496,514	1,496,514	2,993,028

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Project							2020-2023 Draft STIP						
Need ID: 12579 Name: Bridge Scour Monitoring and Retrofit Program							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	NHPP	432,108	432,108	432,108	432,108	
REQD	H	99	Statewide		System Preservation		0	SM	85,784	85,784	85,784	85,784	
Description: Description: Install monitoring and telemetry, perform activities required to meet the National Bridge Inspection Standards (NBIS) for scour, implement the DOT&PF Plan of Action (POA) for scour-critical bridges, coordinate with local agencies on NBIS compliance, and design and construct physical scour countermeasures at State bridges identified as scour critical National Bridge Inspection Standards.							0	STP	432,108	432,108	432,108	432,108	
							Totals:				950,000	950,000	950,000
Need ID: 12979 Name: Highway Fuel Tax Evasion							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	STP	100,000	100,000	100,000	100,000	
REQD	H	99	Statewide		Planning		Totals:		100,000	100,000	100,000	100,000	200,000
Description: Continuing program to enforce the collection of motor fuel taxes in compliance with federal law.													
Need ID: 13239 Name: Culvert Repair or Replace Project							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	SM	45,150	45,150	45,150	45,150	
REQD	H	99	Statewide		System Preservation		0	STP	454,850	454,850	454,850	454,850	
Description: Repair or replacement of culverts that are barriers to safe fish passage. This annual project will identify culverts that are partial or full barriers to fish passage and take the appropriate corrective action.							Totals:		500,000	500,000	500,000	500,000	500,000
Need ID: 18330 Name: Strategic Highway Safety Plan							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	S148	100,000	100,000	100,000	100,000	
REQD	H	99	Statewide		Safety		Totals:		100,000	100,000	100,000	100,000	100,000
Description: This project supports the Strategic Highway Safety Plan (SHSP). The goal of the plan is to reduce fatalities and major injuries by one third over the next 10 years. Scope of work includes: revisions as needed to comply with FAST Act requirements and other department priorities; membership and leadership meetings to assess strategies and actions; evaluation methods to track performance; and, collaboration with Highway Safety Improvement Plan (HSIP) and the Alaska Highway Safety Office (AHSO) staff to align projects with goals of SHSP.													

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Project							2020-2023 Draft STIP							
Need ID: 18791 Name: Statewide Congestion and Mitigation Air Quality							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	CMAQ-F	482,100	482,100	482,100	482,100		
REQD	H	99	Statewide		Congestion		9	CMAQ-M	2,729,100	2,729,100	2,729,100	2,729,100		
Description: 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.							9	SM	318,800	318,800	318,800	318,800		
							Totals:			3,530,000	3,530,000	3,530,000	3,530,000	7,060,000
Need ID: 19119 Name: Enhanced Mobility for Seniors and Individuals With Disabilities							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	3PF	100,128	100,128	105,134	105,134		
REQD	H	99	Statewide		Transit		9	5310	248,993	248,993	261,443	261,443		
Description: FTA Section 5310 monies to be used for the purchase of rides and vehicles for eligible clients and agencies throughout rural and small urban Alaska.							9	STP	318,400	318,400	318,400	318,400		
							Totals:			667,521	667,521	684,977	684,977	684,977
Need ID: 19120 Name: Rural Transit and Rural Transit Assistance Program							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	3PF	4,053,798	4,053,798	4,256,488	4,256,488		
CTP	H	99	Statewide		Transit		9	5311	9,427,438	9,427,438	10,006,744	10,006,744		
Description: FTA Sections 5311, 5311(b)(3), and 5340 Monies available for administrative, operating, capital and training expenses for eligible rural public transit systems. Projects are determined through a competitive grant application process.							Totals:			13,481,236	13,481,236	14,263,232	14,263,232	14,263,232
Need ID: 19217 Name: Highway Safety Improvement Program (HSIP)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	AC	10,000,000	0	0	0		
REQD	H	99	Statewide		Safety		0	ACC	-27,070,000	-32,070,000	-20,000,000	0		
Description: Evaluation, design, and construction of projects to address safety concerns statewide.							0	RHE	1,230,000	1,230,000	1,230,000	1,230,000		
							0	S148	23,390,000	23,390,000	23,390,000	22,910,000		
							0	SA	53,530,000	43,530,000	31,460,000	31,460,000		
							0	SM	3,640,000	3,640,000	3,640,000	3,640,000		
							Totals:			64,720,000	39,720,000	39,720,000	59,240,000	118,480,000

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Project							2020-2023 Draft STIP						
Need ID: 19634 Name: Track Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	2,500,000	2,600,000	2,600,000	2,600,000	
REQD	H	99	Statewide		Railroad		0	5307RR	5,500,000	5,600,000	5,600,000	5,600,000	
Description: Alaska Railroad track rehabilitation outside the AMATS and FMATS areas including shoulder widening and siding program.							0	5337GR	4,200,000	4,300,000	4,300,000	4,300,000	
							Totals:		12,200,000	12,500,000	12,500,000	12,500,000	12,500,000
Need ID: 19635 Name: Bridge Rehabilitation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	300,000	501,000	501,000	5,100,000	
REQD	H	99	Statewide		Railroad		0	5307	1,200,000	100,000	100,000	8,200,000	
Description: Bridge engineering and rehabilitation at mainline locations; such as BR 364.7, BR 364.8, BR 369.7, BR 58.7.							0	5337GR	100,000	2,010,000	2,010,000	12,000,000	
							Totals:		1,600,000	2,611,000	2,611,000	25,300,000	5,000,000
Need ID: 19658 Name: Statewide Preventive Maintenance							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	3,150,000	3,200,000	3,200,000	3,250,000	
REQD	H	99	Statewide		Railroad		0	5307RR	100,000	100,000	100,000	100,000	
Description: This project partially funds statewide operating and maintenance costs related to passenger transit services. Additionally, includes passenger vehicle railcars and locomotives capital rehabilitation to extend functionality and serviceability of the asset.							0	5337GR	12,500,000	12,600,000	12,700,000	12,750,000	
							Totals:		15,750,000	15,900,000	16,000,000	16,100,000	0
Need ID: 19664 Name: Positive Train Control							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	25,000	25,000	0	0	
REQD	H	99	Statewide		Railroad		0	5307RR	50,000	50,000	0	0	
Description: Funds provide continuing development of a multi-phased program to design, develop, and implement a communication-based train control system.							0	5337GR	50,000	50,000	0	0	
							Totals:		125,000	125,000	0	0	0

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Project							2020-2023 Draft STIP							
Need ID: 19666 Name: Bond Principal Int Costs							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	3,600,000	3,600,000	3,600,000	0		
REQD	H	99	Statewide		Railroad		0	5307RR	4,000,000	14,250,000	14,250,000	0		
Description: These funds are for payment of the portion of the net Grant Receipt Revenue Bond debt services issued for ARRC Capital Improvements. Bonds were issued in 2007 and 2015. Capital Improvement Projects include track rehabilitation, positive train control, passenger rolling stock, Anchorage car shop design and Moody Tunnel.							0	5337GR	10,400,000	100,000	100,000	0		
							Totals:			18,000,000	17,950,000	17,950,000	0	0
Need ID: 20294 Name: Air Quality Public Education							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	CMAQ-M	181,940	181,940	181,940	181,940		
REQD	H	99	Statewide		Planning		9	SM	18,060	18,060	18,060	18,060		
Description: The statewide air quality public education project will focus on a number of air quality issues of concern to Alaska including, but not limited to: air pollution health/environmental impacts and ways local citizens can mitigate air pollution from sources like motor vehicles, unpaved roads, diesel engines/heavy duty vehicles, wood smoke, residential heating, etc. There may also be a focus on transportation alternatives that can assist in improving air quality (pedestrian, bike, transit, car/van pool).							Totals:			200,000	200,000	200,000	200,000	400,000
Need ID: 20854 Name: Passenger Equipment							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	340,000	370,000	250,000	250,000		
REQD	H	99	Statewide		Railroad		0	5307RR	1,160,000	1,300,000	0	750,000		
Description: Passenger equipment rehabilitation.							0	5337GR	200,000	200,000	950,000	250,000		
							Totals:			1,700,000	1,870,000	1,200,000	1,250,000	1,250,000
Need ID: 21314 Name: Transit Security Associated Transit Improvements (Transit Enhancement)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023	
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	40,000	40,000	50,000	50,000		
REQD	H	99	Statewide		Railroad		0	5307RR	200,000	200,000	200,000	200,000		
Description: Purchase and install surveillance equipment system-wide, and other security expenses as appropriate. Transit enhancement projects system-wide such as rest rooms, wheel chair lifts, intuitive signage, and other enhancements as may be identified.							Totals:			240,000	240,000	250,000	250,000	250,000

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Project							2020-2023 Draft STIP						
Need ID: 25836 Name: AASHTO Technical Programs Support							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	8	RES	220,000	220,000	220,000	220,000	
REQD	H	99	Statewide		Planning		Totals:		220,000	220,000	220,000	220,000	460,000
<p>Description: American Association of State Highway and Transportation Officials (AASHTO) offers several technical service programs on a voluntary membership basis. This project will support annual ADOT&PF's federally eligible technical service program memberships as selected by the Commissioner.</p>													
Need ID: 26168 Name: Air Quality Mobile Source Modeling							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	CMAQ-F	181,940	181,940	181,940	181,940	
REQD	H	99	Statewide		Planning		9	SM	18,060	18,060	18,060	18,060	
<p>Description: Continue development and enhancement of the statewide framework for MOVES modeling in Alaska to ensure consistent development, application, and approval of modeling workflows (e.g., input data collection and processing, model setup and execution requirements, post-processing of outputs, etc.) in all regional mobile source inventory applications envisioned within the state. These regional applications include SIP emissions/emission budgets and transportation conformity emission inventories, NEI (National Emission Inventory) submittals to EPA that consist of both planning and episodic modeling inventories, throughout the state. Continue the support of the EPA requirement to use MOVES for local communities and state, and continue to evaluate MOVES versions to ensure unique aspects of Alaska conditions are addressed.</p>							Totals:		200,000	200,000	200,000	200,000	400,000
Need ID: 26269 Name: Transportation Asset Management Program							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	NHPP	1,819,400	1,819,400	1,819,400	1,819,400	
REQD	H	99	Statewide		Planning		9	SM	180,600	180,600	180,600	180,600	
<p>Description: Develop Asset Management program for ADOTPF assets containing an inventory of specific assets, their condition, performance targets and a plan of how to achieve these targets in a cost effective and efficient manner through a mix of investments. Advance an Asset Management Improvement Strategy that will examine ADOTPF's proficiency and maturity in Asset Management practices, identify strengths and weaknesses, look at methodologies and practices, and set goals and objectives for continuous improvement.</p>							Totals:		2,000,000	2,000,000	2,000,000	2,000,000	4,000,000

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Project							2020-2023 Draft STIP						
Need ID: 26469 Name: Road Weather Information System (RWIS)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	NHPP	727,440	727,440	727,440	727,440	
REQD	H	99	Statewide		ITS		0	SM	72,560	72,560	72,560	72,560	
Description: RWIS is a network of 70+ environmental sensor stations (ESS) strategically located on major arterials. This project funds the ongoing maintenance and operations of the network and sites, towers, cabinets, and atmospheric and pavement sensor replacements. This also funds monthly utilities and web application development and upgrades to support the large customer base.							Totals:		800,000	800,000	800,000	800,000	1,600,000
Need ID: 26470 Name: 511 Phone and Web Maintenance & Operations							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	NHPP	785,071	785,071	785,071	785,071	
REQD	H	99	Statewide		ITS		0	SM	77,929	77,929	77,929	77,929	
Description: This project will fund the maintenance and operations of the 511 Traveler Information System website, 5-1-1 telephone, AMHS arrival and schedules phone system, and internal 511 reporting system. This includes funding the 511 Management Center, 24/7 technical support, ongoing M&O activities, and disseminating information to the public via SMS text and email.							Totals:		863,000	863,000	863,000	863,000	3,452,000
Need ID: 26471 Name: Highway Performance Monitoring System (HPMS) Reporting							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	NHPP	136,455	136,455	136,455	136,455	
REQD	H	99	Statewide		ITS		9	SM	13,545	13,545	13,545	13,545	
Description: This project supports the new Highway Performance Monitoring System (HPMS) integration application (HPMSAnalyst) used to meet annual FHWA HPMS Submittal requirements. Scope of work includes: ongoing operations and maintenance; integration with department applications; updates to ensure compliance with new federal requirements for performance measures; and, technical support.							Totals:		150,000	150,000	150,000	150,000	150,000
Need ID: 27269 Name: Geographic Information System Development							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	SM	22,575	22,575	22,575	22,575	
REQD	H	99	Statewide	N/A	ITS		9	STP	227,425	227,425	227,425	227,425	
Description: This project supports the Geographic Information System (GIS) development for Department decisions involving resource allocation, project selection, and results based budgeting. The project will directly support the Highway Performance Monitoring System, Traffic Data System, Crash Data System, and Transportation Asset Management Information System. Project activities include: GIS design and development, hardware and software acquisition, application design and development, and web-based services.							Totals:		250,000	250,000	250,000	250,000	1,000,000
Need ID: 27270 Name: Roadway Data Collection							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	SM	90,300	90,300	90,300	90,300	
REQD	H	99	Statewide	N/A	ITS		9	STP	909,700	909,700	909,700	909,700	
Description: This project supports the collection and processing of road centerlines, roadway inventory features, and roadway attributes. Project activities include: data collection planning, data collection, data processing, data quality assurance, and acquisition of data storage hardware and software. The resulting data will directly support: the Highway Performance Monitoring System, the Traffic Data System, the Crash Data System, and the Maintenance Management System.							Totals:		1,000,000	1,000,000	1,000,000	1,000,000	2,000,000

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Project							2020-2023 Draft STIP						
Need ID: 27689 Name: Alaska CARE - Crash Data Analysis & Reporting System							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	NHPP	90,970	90,970	68,228	54,582	
REQD	H	99	Statewide	N/A	Planning		9	SM	9,030	9,030	6,772	5,418	
Description: This project supports the Alaska CARE used to analyze and report crash data for Strategic Highway Safety Plan (SHSP), the Alaska Highway Safety Performance Plan and the Highway Safety Improvement Program (HSIP) and the FAST Act performance measures requirements. Scope of work includes: support maintenance and operations; support GIS linear referenced network; revisions as needed to support crash locations and mapping needs; support IT hardware and software; and will support system integration with other department applications in order to meet reporting requirements.							Totals:		100,000	100,000	75,000	60,000	0
Need ID: 27690 Name: Traffic Data Management and Reporting System							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	NHPP	272,910	272,910	90,970	90,970	
REQD	H	99	Statewide	N/A	ITS		9	SM	27,090	27,090	9,030	9,030	
Description: This project will fund maintenance and operations of the current traffic data system (Traffic Server) and to procure a replacement system. Scope of work includes: integration with the GIS linear referenced network; system upgrades (hardware & software); ongoing operational support and data migration; training; technical support; and system integration with with other department applications in order to meet reporting requirements.							Totals:		300,000	300,000	100,000	100,000	200,000
Need ID: 27969 Name: Bus and Bus Facilities							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	1,079,065	875,000	918,750	918,750	
REQD	H	99	Statewide	N/A	Transit		0	5339	5,395,325	3,500,000	3,675,000	3,675,000	
Description: FTA Section 5339 formula monies available for capital expenses for eligible rural and small urban public transit systems. Projects are determined through a statewide competitive grant application process.							Totals:		6,474,390	4,375,000	4,593,750	4,593,750	4,593,750
Need ID: 28309 Name: IWAYS Architecture Update							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	SM	2,258	2,258	0	0	
REQD	H	99	Statewide	N/A	ITS		9	STP	22,742	22,742	0	0	
Description: This project will fund reviewing and updating necessary sections of the Alaska Iways Architecture. The update is required to ensure that ADOT&PF continues to meet and conform to the National ITS requirements. The existing Alaska Iways Architecture, last updated in 2008, will be reviewed and updated using consulting services to ensure ADOT&PF is using the latest ITS Architecture framework, and incorporating the updated processes and flows in the revised National ITS Architecture. This update will also ensure ADOT&PF is complying with the current systems engineering requirements and corresponding ITS Systems Engineering Checklist.							Totals:		25,000	25,000	0	0	0
Need ID: 28310 Name: 511 Phone and Web Enhancements							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	NHPP	90,970	90,970	90,970	90,970	
REQD	H	99	Statewide	N/A	ITS		9	SM	9,030	9,030	9,030	9,030	
Description: This project will fund planned and unplanned enhancements and system integration for the 511 phone, public website, entry tool system and Apps. Planned enhancements include: real-time traffic speed reporting, real-time information from external sensors and additional cameras as they become available. This project will fund purchasing the GPS components for portable message boards necessary to integrate signs with the 511 map.							Totals:		100,000	100,000	100,000	100,000	200,000

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Project							2020-2023 Draft STIP						
Need ID: 28311 Name: Traveler Information Systems Marketing							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	SM	2,257	2,257	2,257	2,257	
REQD	H	99	Statewide	N/A	ITS		9	STP	22,743	22,743	22,743	22,743	
Description: This project will fund marketing Alaska's road weather information systems, the 511 phone, website, smartphone apps, and social media utilities. This will also include public outreach and education, training, marketing materials, media kits and consultant services.							Totals:		25,000	25,000	25,000	25,000	25,000
Need ID: 28809 Name: Statewide Highway Data Equipment Acquisition and Installation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	NHPP	909,700	909,700	909,700	909,700	
REQD	H	99	Statewide	N/A	ITS		0	SM	90,300	90,300	90,300	90,300	
Description: This project will fund the permanent and short term count equipment necessary to meet the State's federally required traffic monitoring program. Scope of work includes: design and install; purchase of equipment such as traffic data counters, cameras, computers, and software; and, IT needs for data collection, communications, and software.							Totals:		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Need ID: 29429 Name: Alaska Historic Roads Eligibility Planning							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	SM	15,803	13,545	0	0	
REQD	H	99	Statewide	N/A	Planning		9	STP	159,197	136,455	0	0	
Description: Fund National Register of Historic Places eligibility determinations for selected roads for advance planning purposes and develop management plans for eligible historic roads. The project tiers off efforts accomplished under the Programmatic Agreement regarding Alaska's Highway System Roads Affected by the Federal-Aid Highway Program (Alaska Road PA), which developed a historic overview of Alaska's roads and a methodology for evaluating their National Register eligibility. The project would apply that methodology to selected roads and the historic road management plans will recommend practices consistent with the needs of transportation and historic preservation.							Totals:		175,000	150,000	0	0	0
Need ID: 29609 Name: RWIS Air Quality Sensor Operations & Maintenance							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	SM	9,030	9,030	9,030	9,030	
REQD	H	60	Fairbanks	N/A	ITS		0	STP	90,970	90,970	90,970	90,970	
Description: This project provides for air quality data analysis, program management, sensor calibration, maintenance checks, troubleshooting, travel, and repair of air quality sensors collocated at five Fairbanks Road Weather Information Station Environmental Sensor Stations through a Reimbursable Services Agreement between the Department of Transportation & Public Facilities and the Department of Environmental Conservation. The project also provides for training, consumable supplies, and repair parts.							Totals:		100,000	100,000	100,000	100,000	100,000
Need ID: 29675 Name: OHA AHRS/IBS Development							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	SM	23,930	23,930	23,930	23,930	
REQD	H	99	Various	N/A	Planning		0	STP	241,070	241,070	241,070	241,070	
Description: Development and maintenance of the Office of History and Archaeology (OHA) online database for cultural resource management known as the Alaska Heritage Resources Survey/Integrated Business System (AHRS/IBS). The AHRS is a restricted inventory of all reported prehistoric, archaeological, and historic sites within the State of Alaska. The database provides DOT&PF with easy on-line access to known cultural resource information. Work will include database programming and data entry and management.							Totals:		265,000	265,000	265,000	265,000	265,000

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Project							2020-2023 Draft STIP						
Need ID: 29910 Name: Weigh-In-Motion Maintenance & Operations							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Statewide	N/A	ITS		9	NHPP	541,800	541,800	541,800	541,800	
							9	SM	58,200	58,200	58,200	58,200	
Description: Maintain, operate and enhance the current network of weigh-in-motion equipment, communications, software, databases, and data visualization and reporting tools.							Totals:		600,000	600,000	600,000	600,000	1,200,000
Need ID: 30269 Name: Cultural Resources Liaison							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Statewide	N/A	Planning		9	SM	14,900	15,351	15,351	15,351	
							9	STP	150,100	154,649	154,649	154,649	
Description: Streamline project delivery by funding Federal and State resource agency liaison positions dedicated to working on Alaska Department of Transportation and Public Facilities (DOT&PF) projects. This project will fund a Cultural Resources Liaison between DOT&PF and the Department of Natural Resources, Alaska Division of Parks and Outdoor Recreation/Office of History and Archaeology (OHA) to improve and more efficiently streamline the review process of projects through Section 106 of the National Historic Preservation Act of 1966, as amended (36 CFR 800 Protection of Historic Properties).							Totals:		165,000	170,000	170,000	170,000	170,000
Need ID: 30398 Name: Electronic Environmental Compliance System							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Statewide	N/A	Planning		9	SM	30,000	30,000	0	0	
							9	STP	120,000	120,000	0	0	
Description: Develop and deploy a software solution to accommodate environmental document development and compliance oversight for all NEPA approvals, environmental permits, conditions and commitments for DOT&PF constructed projects, from pre-construction through construction completion, as required by federal and state laws and regulations. This software solution will support environmental document development, approval, permitting, inspection and reporting compliance workflows for DOT&PF preconstruction and construction staff and contract partners.							Totals:		150,000	150,000	0	0	0

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Project							2020-2023 Draft STIP						
Need ID: 30689 Name: Statewide Transportation Alternatives Program (TAP)							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	469,505	469,505	469,505	469,505	
TAP	H	99	Statewide	N/A	Transportation Enhancements		0	TAP	4,729,886	4,729,886	4,729,886	4,729,886	
Description: The FAST Act eliminates the MAP-21 Transportation Alternatives Program (TAP) and replaces it with a set-aside of Surface Transportation Block Grant (STBG) program funding for transportation alternatives (TA). These set-aside funds include all projects and activities that were previously eligible under TAP, encompassing a variety of smaller-scale transportation projects such as pedestrian and bicycle facilities, recreational trails, safe routes to school projects, community improvements such as historic preservation and vegetation management, and environmental mitigation related to stormwater and habitat connectivity. All TA projects to be funded through a competitive process.							Totals:		5,199,391	5,199,391	5,199,391	5,199,391	10,398,782
Need ID: 31089 Name: Locomotive Equipment							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	25,000	25,000	0	45,000	
REQD	H	99	Various	N/A	Railroad		0	5307RR	100,000	100,000	0	180,000	
Description: Locomotive equipment rehabilitation.							Totals:		125,000	125,000	0	225,000	125,000
Need ID: 31090 Name: Transit Asset Management							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	550,000	350,000	620,000	450,000	
REQD	H	99	Various	N/A	Railroad		0	5307RR	2,150,000	200,000	2,450,000	1,750,000	
Description: Transit asset management program development and improvements.							0	5337GR	50,000	1,170,000	0	0	
							Totals:		2,750,000	1,720,000	3,070,000	2,200,000	1,200,000
Need ID: 31091 Name: Radio System							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	75,000	63,000	20,000	0	
REQD	H	99	Various	N/A	Railroad		0	5307RR	200,000	200,000	0	0	
Description: Replace and/or upgrade radio system equipment and communication components.							0	5337GR	100,000	50,000	100,000	0	0
							Totals:		375,000	313,000	120,000	0	0
Need ID: 31470 Name: Connected - Autonomous Vehicle Planning							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	SM	2,461	2,461	2,258	2,258	
REQD	H	99	Various	N/A	ITS		9	STP	24,797	24,797	22,743	22,743	
Description: Planning and development for autonomous and connected vehicles.							Totals:		27,258	27,258	25,001	25,001	25,000
Need ID: 31471 Name: McHugh RWIS Tower Upgrade							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	4	SM	54,869	0	0	0	
REQD	H	99	Anchorage	Seward Highway	ITS		4	STP	552,761	0	0	0	
Description: The existing McHugh RWIS Tower on the Seward Highway at MP 111.8 will be upgraded and reinforced. Work will also include moving the electrical connection from the old Alaska Railroad concrete building, scheduled to be demolished, to a new load center for the RWIS site.							7	SM	2,663	0	0	0	
							7	STP	26,837	0	0	0	
							Totals:		637,130	0	0	0	0

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Project							2020-2023 Draft STIP						
Need ID: 31597 Name: Statewide Planning and Environmental Linkages (PEL) Studies Program							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Various	N/A	Planning		9	NHPP	2,274,250	2,274,250	2,274,250	2,274,250	
Description: Develop a statewide PEL program including a guidebook and identification of priorities for PEL Studies. Initiate PEL studies to further refine and analyze conceptual highway improvements, evaluate environmental challenges, and improve the understanding of various design issues and anticipated project costs in an effort to reduce project delivery costs and schedules.							9	SM	406,350	406,350	406,350	406,350	
							9	STP	1,819,400	1,819,400	1,819,400	1,819,400	
							Totals:		4,500,000	4,500,000	4,500,000	4,500,000	9,000,000
Need ID: 31657 Name: CP LED Signal Upgrade							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Various	N/A	Railroad		0	3PF	38,000	38,000	0	0	
Description: Upgrade/replace train control point signals.							0	5307RR	150,000	150,000	0	0	
							Totals:		188,000	188,000	0	0	0
Need ID: 31658 Name: 4thGen Traveler Information Syst							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Various	N/A	ITS		9	NHPP	227,425	0	0	0	
Description: Funding will cover the design and deployment of a 4thGen Traveler Information System. This includes a new responsive public website, 511.alaska.gov, smartphone apps for android and iOS, an internal reporting system, and two phone systems for the public: dial 5-1-1 for highway reports and dial 800-642-0066 for AMHS schedules and reservations).							9	SM	22,575	0	0	0	
							Totals:		250,000	0	0	0	0
Need ID: 31899 Name: Alaska DOT Civil Rights Disparity Study							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Various	N/A	Planning		Totals:		0	0	0	0	800,000
Description: The US DOT has ordered Alaska (and other states) to complete a study comparing gender and racial business groups that participate in transportation contracting, services, and airport concessions to the market share for those firms. As a result of this study, Alaska must devise DBE (Disadvantaged Business Enterprises) goals according to the results from this study. This action has been ordered as a direct consequence of a legal decision in Washington State; Western States Paving Case.													
Need ID: 31918 Name: Pavement Design Software Upgrade							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s							
REQD	H	99	Various	N/A	Planning		9	SM	66,641	0	0	0	
Description: Funding will cover the upgrade of the Alaska Flexible Pavement Design (AKFPD) software to a web-based software, easily accessible for designers without the need for software installation, and without the risk of accessibility and Windows operating system issues. This includes the configuration and calibration of the AKFPD by (1) validating existing workflows and standards, (2) basic workflow analysis and design to implement the upgrade, (3) field non-destructive pavement testing and analysis to obtain pavement layer/material stiffness values, (4) update the layer/material properties database within the software using the in-situ stiffness values, (5) development and QC testing, (6) Beta testing and refinement, and (7) training and deployment of the web portal.							9	STP	671,359	0	0	0	
							Totals:		738,000	0	0	0	0

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Project							2020-2023 Draft STIP						
Need ID: 31920 Name: AASHTOWare Implementation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	ACC	-454,850	-454,850	0	0	
REQD	H	99	Various	N/A	Planning		9	NHPP	454,850	0	1,128,028	1,482,811	
Description: This project entails the statewide implementation of the interactive AASHTOWare Project Preconstruction, Bids, Civil Rights & Labor Management, Construction & Materials, Estimation, and Data Analytics modules. The AASHTOWare Project suite of software is to be used by all sections, regions, and Statewide entities of Alaska DOT&PF.							9	SM	0	0	111,972	147,189	
							9	STP	0	454,850	0	0	
							Totals:		0	0	1,240,000	1,630,000	500,000
Need ID: 32321 Name: Statewide Long Range Transportation Policy Plan 2045 & State Freight Plan							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	8	PLNG	1,200,000	0	0	0	
REQD	H	99	Various	N/A	Planning		8	SM	300,000	0	0	0	
Description: Update the Statewide Long Range Transportation Policy Plan for target year 2045 and the State Freight Plan. This project is required by 23 CFR 450.216 and 49 USC 70202 and will be managed by the Program Development Division.							Totals:		1,500,000	0	0	0	0
Need ID: 32438 Name: eWORX Federal Aid System Regulatory Implementation							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	NHPP	136,455	272,910	136,455	90,970	
REQD	H	99	Statewide	N/A	Planning		9	SM	13,545	27,090	13,545	9,030	
Description: This project entails the implementation of and updates to the State of Alaska DOT&PF Federal Aid System(s) to meet regulatory requirements, processes, best practices, and guidance. The Federal Aid system is used to compile all project data into a federally recognized format, syntax, and meeting all federal requirements for reimbursement. Implementation work includes, but is not limited to, system workflows, automation and interfacing, data & analytics, business and regulatory rules and scrubbing, etc.							Totals:		150,000	300,000	150,000	100,000	450,000
Need ID: 32478 Name: ADA Implementation and Compliance Monitoring							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	9	SM	7,675	7,675	7,675	7,675	
REQD	H	99	Various	N/A	Planning		9	STP	77,325	77,325	77,325	77,325	
Description: This project will provide for the implementation stage of the ADA Transition Plan and monitoring of all implementation aspects to assure ADA specifications are met, when feasible. As part of the compliance monitoring, outdated/compromised data will be removed or repaired and location information will be entered in a geospatial database to indicate locations that are in need of proper pedestrian facilities and/or alterations. This database will continue to serve the Civil Rights Office ADA team as a tool for planning, maintenance, preconstruction, and construction.							Totals:		85,000	85,000	85,000	85,000	170,000
Need ID: 32658 Name: Seward Freight Dock Expansion and Airport Connector Road							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	2,450,000	0	0	0	
REQD	H	99	Various	N/A	Railroad		0	BUILD	22,050,000	0	0	0	
Description: Improve Seward Marine Terminal freight dock and provide road improvements.							Totals:		24,500,000	0	0	0	0

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Project							2020-2023 Draft STIP						
Need ID: 32684 Name: FTA LoNo Emissions grant funding to purchase electric buses and charge stations							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	529,412	529,412	529,412	529,412	
REQD	H	99	Various	N/A	Transit		0	5339	3,000,000	3,000,000	3,000,000	3,000,000	
Description: FTA Section 5339 (c) LoNo Emissions grant funding to purchase/upgrade facilities, electric buses and charge stations for eligible rural public transit systems. Projects are determined through a national competitive grant application process.							Totals:		3,529,412	3,529,412	3,529,412	3,529,412	3,529,412
Need ID: 32685 Name: Bus and Bus Facilities, Rural and Small Urban							Ph	Fund	FFY20	FFY21	FFY22	FFY23	After 2023
Program	Region	2013 Election District	Place Name	Highway	Primary Work	Bridge #s	0	3PF	529,412	529,412	529,412	529,412	
REQD	H	99	Various	N/A	Transit		0	5339	3,000,000	3,000,000	3,000,000	3,000,000	
Description: FTA Section 5339(b) discretionary monies are available for capital expenses for eligible rural and small urban public transit systems. Projects are determined through a national competitive grant application process.							Totals:		3,529,412	3,529,412	3,529,412	3,529,412	3,529,412