

**West Susitna Road Access****FY2022 Request: \$8,500,000**  
**Reference No: 56220****AP/AL:** Appropriation  
**Category:** Development  
**Location:** Southcentral Alaska**Project Type:** Energy**House District:** Southcentral Region (HD 7-31)**Impact House District:** Southcentral Region (HD 7-31)**Contact:** Alan Weitzner, AIDEA**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)771-3050**Brief Summary and Statement of Need:**

The West Susitna Access Project is being proposed to (i) advance construction of an all-season road for the Fish Creek development portion of the route replacing an existing winter road and extending access across the Little Susitna River and (ii) to advance a multi-phase project for feasibility and permitting of an all-season access road west of the Little Susitna River to the Yentna Mining District. The development and extension of the full road corridor will enable broader access within the Matanuska-Susitna Borough and to borough and state-owned natural resources for multiple user groups.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$8,500,000						\$8,500,000
<b>Total:</b>	<b>\$8,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,500,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Sec4 Ch16 SLA2013 P105 L22 SB 18 \$95,200,000

Sec4 Ch5 SLA2011 P127 L10 SB 46 \$65,700,000

Sec7 Ch43 SLA2010 P19 L16 SB 230 \$10,000,000

Sec13 Ch29 SLA2008 P87 L14 SB 221 \$2,500,000

Phase 1 results are available at [aidea.org](http://aidea.org) under 2020 AIDEA Board Meetings. Phase 2 of the project builds on the 2014 West Susitna Roads to Resources study led by the Alaska Department of Transportation.

**Houston Middle School Replacement****FY2022 Request: \$9,000,000****Reference No: 63272****AP/AL:** Appropriation**Project Type:** Education**Category:** Education**Location:** Houston**House District:** Rural Mat-Su (HD 10)**Impact House District:** Rural Mat-Su (HD 10)**Contact:** Tim Mearig**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-6906**Brief Summary and Statement of Need:**

This project will replace Houston Middle School condemned and demolished due to the 2018 earthquake. This school is in the Mat-Su Borough school district.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$9,000,000						\$9,000,000
<b>Total:</b>	<b>\$9,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,000,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Major Maintenance Grant Fund for School Major Maintenance****FY2022 Request: \$25,000,000**  
**Reference No: 45658****AP/AL:** Appropriation  
**Category:** Education**Project Type:** Renewal and Replacement  
**Recipient:** Department of Education and Early Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Heidi Teshner**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2875**Brief Summary and Statement of Need:**

This project invests \$25 million in school maintenance projects in FY2022. Schools across the state will receive funding to ensure students are educated in safe facilities that are conducive to the learning process. The Department of Education and Early Development reviewed and prioritized maintenance project applications submitted by school districts.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$25,000,000						\$25,000,000
<b>Total:</b>	<b>\$25,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,000,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Sec14 Ch1 SLA2017 P17 L20 SB23 \$3,503,492  
Sec28 Ch38 SLA2015 P41 L5 SB26 \$10,867,503  
Sec1 Ch38 SLA2015 P3 L18 SB26 \$2,623,689  
Sec1 Ch16 SLA2013 P61 L14 SB18 \$22,991,057  
Sec1 Ch17 SLA2012 P111 L19 SB160 \$17,979,185  
Sec4 Ch5 SLA2012 P10 L26 HB307 \$5,994,455

Funding is applied to projects in priority order. The priority listing is available on the department's website (<https://education.alaska.gov/Facilities/initial/FY22MaintenanceInitialList.pdf>).

**Alaska Department of Education and Early Development  
FY2022 Capital Improvement Projects  
Major Maintenance Grant Fund**

**Final List**

Jan 15 Rank	Dec 18 Rank	Nov 5 Rank	School District	Project Name	Amount Requested	Eligible Amount	Prior Funding	DEED Recommended Amount	Participating Share	State Share	Aggregate Amount
1	1	1	Galena City	Galena Interior Learning Academy Composite Building Renovation	\$6,108,178	\$6,023,865	\$0	\$6,023,865	\$301,193	\$5,722,672	\$5,722,672
2	2	2	Craig City	Craig Middle School Rehabilitation	\$6,104,406	\$6,104,406	\$0	\$6,104,406	\$1,220,881	\$4,883,525	\$10,606,197
3	3	3	Anchorage	Eagle River Elementary School Improvements	\$8,085,765	\$8,085,765	\$0	\$8,085,765	\$2,830,018	\$5,255,747	\$15,861,944
4	4	4	Kake City	Kake Schools Heating Upgrades	\$242,277	\$242,277	\$0	\$242,276	\$48,455	\$193,821	\$16,055,765
5	5	5	Anchorage	West High School Roof Replacement	\$6,948,379	\$6,948,379	\$0	\$6,948,379	\$2,431,933	\$4,516,446	\$20,572,211
6	6	6	Denali Borough	Anderson K-12 School Partial Roof Replacement	\$1,337,610	\$1,337,610	\$0	\$1,337,610	\$267,522	\$1,070,088	\$21,642,299
7	7	7	Chugach	Chenega Bay K-12 School Renovation	\$5,696,900	\$5,696,900	\$0	\$5,696,900	\$113,938	\$5,582,962	\$27,225,261
8	8	8	Chugach	Tatitlek K-12 School Renovation	\$6,895,952	\$6,895,952	\$0	\$6,895,952	\$137,919	\$6,758,033	\$33,983,294
9	9	9	Juneau Borough	Sayéik: Gastineau Community School Partial Roof Replacement	\$1,550,000	\$1,550,000	\$0	\$1,550,000	\$542,500	\$1,007,500	\$34,990,794
10	10	10	Fairbanks Borough	Administrative Center Air Conditioning and Ventilation Replacement	\$1,404,509	\$1,404,509	\$0	\$1,404,509	\$491,578	\$912,931	\$35,903,725
11	11	11	Anchorage	Service High School Health and Safety Improvements	\$4,790,010	\$4,790,010	\$0	\$4,790,010	\$1,676,503	\$3,113,507	\$39,017,232
12	12	12	Anchorage	Birchwood Elementary School Roof Replacement	\$2,877,004	\$2,877,004	\$0	\$2,877,004	\$1,006,951	\$1,870,053	\$40,887,285
13	13	13	Aleutians East Borough	Sandpoint K-12 School Major Maintenance	\$3,931,263	\$2,877,365	\$0	\$2,877,365	\$1,007,078	\$1,870,287	\$42,757,572
14	14	14	Lower Yukon	Sheldon Point K-12 School Foundation Cooling and Repairs, Nunam Iqua	\$3,406,798	\$3,406,798	\$0	\$3,406,798	\$68,136	\$3,338,662	\$46,096,234
15	15	15	Anchorage	East High School Gym Improvements	\$8,971,000	\$7,843,975	\$0	\$7,843,975	\$2,745,391	\$5,098,584	\$51,194,818
16	16	16	Nenana City	Nenana K-12 School Flooring and Asbestos Abatement	\$420,041	\$420,041	\$0	\$420,041	\$21,002	\$399,039	\$51,593,857
17	17	17	Iditarod Area	David-Louis Memorial K-12 School HVAC Control Upgrades, Grayling	\$117,406	\$117,406	\$0	\$117,406	\$2,348	\$115,058	\$51,708,915
18	18	18	Iditarod Area	Blackwell K-12 School Fire Alarm Upgrades,	\$81,607	\$81,607	\$0	\$81,607	\$1,632	\$79,975	\$51,788,890
19	19	19	Lower Yukon	Hooper Bay K-12 School Exterior Repairs	\$3,707,895	\$2,296,607	\$0	\$2,296,607	\$45,932	\$2,250,675	\$54,039,565
20	20	20	Yukon-Koyukuk	YKSD District Office Roof Replacement	\$160,325	\$160,325	\$0	\$160,325	\$3,206	\$157,119	\$54,196,684
21	21	21	Ketchikan Borough	Ketchikan High School Security Upgrades	\$498,218	\$498,218	\$0	\$498,218	\$174,376	\$323,842	\$54,520,526
22	22	22	Yukon-Koyukuk	Ella B. Verneti K-12 School Boiler Replacement, Koyukuk	\$493,476	\$493,476	\$0	\$493,476	\$9,870	\$483,606	\$55,004,132
23	23	23	Lower Kuskokwim	Qugcuun Memorial K-12 School Renovation, Oscarville	\$3,887,529	\$3,887,529	\$0	\$3,887,529	\$77,751	\$3,809,778	\$58,813,910
24	24	24	Lower Kuskokwim	Akula Eliitnavuk K-12 School Renovation, Kasigluk-Akula	\$4,221,348	\$4,221,348	\$0	\$4,221,348	\$84,427	\$4,136,921	\$62,950,831
25	25	25	Northwest Arctic Borough	Buckland K-12 School HVAC Renewal and Upgrades	\$1,049,278	\$1,049,278	\$0	\$1,049,278	\$209,856	\$839,422	\$63,790,253
26	26	26	Aleutians East Borough	Sandpoint K-12 School Pool Major Maintenance	\$103,788	\$103,788	\$0	\$103,788	\$36,326	\$67,462	\$63,857,715
27	27	27	Nome City	Anvil City Charter School Restroom Renovation	\$395,199	\$395,199	\$0	\$395,199	\$118,560	\$276,639	\$64,134,354
28	28	28	Nome City	Nome Beltz Jr/Sr High School Boiler	\$110,860	\$110,860	\$0	\$110,860	\$33,258	\$77,602	\$64,211,956
29	29	29	Anchorage	Inlet View Elementary School Domestic Water System Improvements	\$458,959	\$458,959	\$0	\$458,959	\$160,636	\$298,323	\$64,510,279
30	30	30	Fairbanks Borough	Ben Eielson Jr/Sr High School Roof Replacement	\$3,493,585	\$3,213,865	\$0	\$3,213,865	\$1,124,853	\$2,089,012	\$66,599,291

Issue Date: 1/15/2021

Run Date: 1/11/2021

Major Maintenance Grant List

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**Alaska Department of Education and Early Development  
FY2022 Capital Improvement Projects  
Major Maintenance Grant Fund**

**Final List**

Jan 15 Rank	Dec 18 Rank	Nov 5 Rank	School District	Project Name	Amount Requested	Eligible Amount	Prior Funding	DEED Recommended Amount	Participating Share	State Share	Aggregate Amount
31	31	31	Fairbanks Borough	Woodriver Elementary School Roof Replacement	\$1,992,289	\$1,465,301	\$0	\$1,465,301	\$512,855	\$952,446	\$67,551,737
32	32	32	Anchorage	Ptarmigan Elementary School Roof Replacement	\$1,981,736	\$1,981,736	\$0	\$1,981,736	\$693,608	\$1,288,128	\$68,839,865
33	33	33	Nenana City	Nenana K-12 School Boiler Replacement	\$187,995	\$187,995	\$0	\$187,995	\$9,400	\$178,595	\$69,018,460
34	34	34	Lower Yukon	Marshall K-12 School Tank Farm Emergency Repair	\$1,880,554	\$1,880,554	\$0	\$1,880,554	\$37,611	\$1,842,943	\$70,861,403
35	35	35	Anchorage	Stellar Secondary School Fire Alarm	\$280,039	\$280,039	\$0	\$280,039	\$98,014	\$182,025	\$71,043,428
36	36	36	Anchorage	Nunaka Valley Elementary School Roof Replacement	\$1,945,769	\$1,945,769	\$0	\$1,945,769	\$681,019	\$1,264,750	\$72,308,178
37	37	37	Nome City	Nome Schools DDC Control Upgrades	\$2,276,102	\$2,276,102	\$0	\$2,276,102	\$682,831	\$1,593,271	\$73,901,449
38	38	38	Chatham	Fire Alarm Upgrades, 3 Sites	\$222,249	\$222,249	\$0	\$222,249	\$4,445	\$217,804	\$74,119,253
39	39	39	Yupit	Tuluksak K-12 School Generator Refurbishment	\$161,019	\$161,019	\$0	\$161,019	\$3,220	\$157,799	\$74,277,052
40	40	40	Anchorage	Northwood Elementary School Partial Roof Replacement	\$2,177,488	\$2,177,488	\$0	\$2,177,488	\$762,121	\$1,415,367	\$75,692,419
41	41	41	Denali Borough	Generator Replacement, 3 Schools	\$1,260,050	\$1,260,050	\$0	\$1,260,050	\$252,010	\$1,008,040	\$76,700,459
42	42	42	Haines Borough	Haines High School Locker Room Renovation	\$934,926	\$934,926	\$0	\$934,926	\$327,224	\$607,702	\$77,308,161
43	43	43	Mat-Su Borough	Big Lake Elementary School Water System Replacement Ph 2	\$875,000	\$875,000	\$0	\$875,000	\$262,500	\$612,500	\$77,920,661
44	44	44	Hoonah City	Hoonah Central Boiler Replacement	\$283,613	\$283,613	\$0	\$283,613	\$85,084	\$198,529	\$78,119,190
45	45	45	Kuspuk	Jack Egnaty Sr K-12 School Roof Replacement, Sleetmute	\$1,435,049	\$1,445,382	\$0	\$1,445,382	\$28,908	\$1,416,474	\$79,535,664
46	46	46	Valdez City	Valdez High and Herman Hutchens Elementary Schools Domestic Water Piping Replacement	\$3,078,355	\$3,078,355	\$0	\$3,078,355	\$1,077,424	\$2,000,931	\$81,536,595
47	47	47	Denali Borough	Tri-Valley School Partial Roof Replacement	\$869,550	\$817,270	\$0	\$817,270	\$163,454	\$653,816	\$82,190,411
48	48	48	Yupit	Tuluksak K-12 School Fuel Tank Replacement	\$5,400,173	\$3,908,907	\$0	\$3,908,907	\$78,178	\$3,830,729	\$86,021,140
49	49	49	Fairbanks Borough	Lathrop High School Partial Roof Replacement	\$610,176	\$610,176	\$0	\$610,176	\$213,562	\$396,614	\$86,417,754
50	50	50	Kodiak Island Borough	Peterson Elementary School Roof Replacement	\$2,400,974	\$2,400,974	\$0	\$2,400,974	\$840,341	\$1,560,633	\$87,978,387
51	51	51	Haines Borough	Haines High School Roof Replacement	\$2,561,841	\$2,565,414	\$0	\$2,565,414	\$897,895	\$1,667,519	\$89,645,906
52	52	52	Anchorage	Bayshore Elementary School Boiler Replacement	\$1,192,000	\$1,192,000	\$0	\$1,192,000	\$417,200	\$774,800	\$90,420,706
53	53	53	Sitka Borough	Keet Gooshi Heen Elementary Covered PE Structure Renovation	\$503,823	\$503,823	\$0	\$503,823	\$176,338	\$327,485	\$90,748,191
54	54	54	Chatham	Klukwan K-12 School Roof Replacement	\$1,560,692	\$1,560,692	\$0	\$1,560,692	\$31,214	\$1,529,478	\$92,277,669
55	55	55	Fairbanks Borough	Anderson Elementary School Renovation	\$6,053,761	\$3,769,777	\$0	\$3,769,777	\$1,319,422	\$2,450,355	\$94,728,024
56	56	56	Bristol Bay Borough	Bristol Bay Elementary School and Gym Roof Replacement	\$2,942,126	\$2,942,126	\$0	\$2,942,126	\$1,029,744	\$1,912,382	\$96,640,406
57	57	57	Iditarod Area	Blackwell K-12 School HVAC Control Upgrades, Anvik	\$205,746	\$205,746	\$0	\$205,746	\$4,115	\$201,631	\$96,842,037
58	58	58	Nome City	Nome Elementary School Fire Alarm	\$464,903	\$464,903	\$0	\$464,903	\$139,471	\$325,432	\$97,167,469
59	59	59	Lower Kuskokwim	Bethel Regional High School Boardwalk Replacement	\$2,122,153	\$1,687,147	\$0	\$1,687,147	\$33,743	\$1,653,404	\$98,820,873
60	60	60	Anchorage	Bear Valley Elementary Domestic Water Replacement	\$3,109,235	\$2,595,307	\$0	\$2,595,307	\$908,357	\$1,686,950	\$100,507,823

**Alaska Department of Education and Early Development  
FY2022 Capital Improvement Projects  
Major Maintenance Grant Fund**

**Final List**

Jan 15 Rank	Dec 18 Rank	Nov 5 Rank	School District	Project Name	Amount Requested	Eligible Amount	Prior Funding	DEED Recommended Amount	Participating Share	State Share	Aggregate Amount
61	61	61	Kodiak Island Borough	Chiniak K-12 School Water Treatment Code Compliance and Upgrade	\$366,870	\$366,870	\$0	\$366,870	\$128,404	\$238,466	\$100,746,289
62	62	62	Lower Yukon	Hooper Bay K-12 School Emergency Lighting and Retrofit	\$237,242	\$237,242	\$0	\$237,242	\$4,745	\$232,497	\$100,978,786
63	63	63	Lower Yukon	Scammon Bay K-12 School Emergency Lighting and Retrofit	\$120,841	\$120,841	\$0	\$120,841	\$2,417	\$118,424	\$101,097,210
64	64	64	Valdez City	Valdez High School Window Replacement	\$522,837	\$522,837	\$0	\$522,837	\$182,993	\$339,844	\$101,437,054
65	65	65	Kake City	Exterior Upgrades - Main School Facilities	\$395,602	\$395,602	\$0	\$395,602	\$79,120	\$316,482	\$101,753,536
66	66	66	Nome City	Nome Beltz Jr/Sr High School Generator Replacement	\$910,710	\$910,710	\$0	\$910,710	\$273,213	\$637,497	\$102,391,033
67	67	67	Lower Yukon	LYSD Central Office Renovation	\$5,313,034	\$5,313,034	\$0	\$5,313,034	\$106,261	\$5,206,773	\$107,597,806
68	68	68	Saint Marys City	St. Mary's Campus Renewal and Repairs	\$1,207,223	\$201,603	\$0	\$201,603	\$20,160	\$181,443	\$107,779,249
69	69	69	Juneau Borough	Dzantik'I Heeni Middle School Roof Replacement	\$2,650,000	\$2,650,000	\$0	\$2,650,000	\$927,500	\$1,722,500	\$109,501,749
70	70	70	Anchorage	Mears Middle School Roof Replacement	\$7,818,250	\$6,309,376	\$0	\$6,309,376	\$2,208,282	\$4,101,094	\$113,602,843
71	71	71	Nenana City	Nenana K-12 School Fire Suppression System Replacement	\$1,577,044	\$1,577,044	\$0	\$1,577,044	\$78,852	\$1,498,192	\$115,101,035
72	72	72	Lower Kuskokwim	Gladys Jung Elementary School Heating Mains Replacement	\$1,409,057	\$1,168,750	\$0	\$1,168,750	\$23,375	\$1,145,375	\$116,246,410
73	73	73	Mat-Su Borough	Butte and Snowshoe Elementary Schools Water System Replacement	\$1,717,608	\$1,717,608	\$0	\$1,717,608	\$515,282	\$1,202,326	\$117,448,736
74	74	74	Yupit	Gym Floor Replacement, 3 Schools	\$299,204	\$299,204	\$0	\$299,204	\$5,984	\$293,220	\$117,741,956
75	75	75	Kake City	Kake High School Gym Floor and Bleacher Replacement	\$363,339	\$363,339	\$0	\$363,339	\$72,668	\$290,671	\$118,032,627
76	76	76	Valdez City	Valdez High and Herman Hutchens Elementary Schools Generator Replacement	\$819,249	\$819,249	\$0	\$819,249	\$286,737	\$532,512	\$118,565,139
77	77	77	Lower Kuskokwim	Akiuk Memorial K-12 School Renovation, Kasigluk-Akiuk	\$3,481,772	\$3,481,772	\$0	\$3,481,772	\$69,635	\$3,412,137	\$121,977,276
78	78	78	Lower Yukon	Scammon Bay K-12 School Siding Replacement	\$1,198,395	\$1,198,395	\$0	\$1,198,395	\$23,968	\$1,174,427	\$123,151,703
79	79	79	Fairbanks Borough	Tanana Middle School Classroom Upgrades	\$9,152,086	\$7,946,990	\$0	\$7,946,990	\$2,781,446	\$5,165,544	\$128,317,247
80	80	80	Kake City	Kake High School Plumbing Replacement	\$799,681	\$799,681	\$0	\$799,681	\$159,936	\$639,745	\$128,956,992
81	81	81	Iditarod Area	David-Louis Memorial K-12 School Roof Replacement, Grayling	\$2,978,280	\$2,978,280	\$0	\$2,978,280	\$59,566	\$2,918,714	\$131,875,706
82	82	82	Anchorage	West High School Utilidor Improvements	\$2,417,736	\$2,417,736	\$0	\$2,417,736	\$846,208	\$1,571,528	\$133,447,234
83	83	83	Kenai Peninsula Borough	Seward Middle School Exterior Repair	\$976,682	\$976,682	\$0	\$976,682	\$341,839	\$634,843	\$134,082,077
84	84	84	Southeast Island	Thorne Bay K-12 School Fire Suppression	\$542,676	\$542,676	\$0	\$542,676	\$10,854	\$531,822	\$134,613,899
85	85	85	Kodiak Island Borough	East Elementary School Special Electrical and Security	\$1,555,385	\$1,555,385	\$0	\$1,555,385	\$544,385	\$1,011,000	\$135,624,899
86	86	86	Fairbanks Borough	Administrative Center Exterior Renovation	\$4,302,874	\$2,274,780	\$0	\$2,274,780	\$796,173	\$1,478,607	\$137,103,506
87	87	87	Fairbanks Borough	Anne Wien Elementary School Renovation	\$7,215,628	\$4,934,172	\$0	\$4,934,172	\$1,726,960	\$3,207,212	\$140,310,718
88	88	88	Fairbanks Borough	Pearl Creek Elementary School Classroom Upgrades	\$5,636,950	\$4,670,376	\$0	\$4,670,376	\$1,634,632	\$3,035,744	\$143,346,462
89	89	89	Kodiak Island Borough	North Star Elementary School Siding Replacement	\$507,812	\$507,812	\$0	\$507,812	\$177,734	\$330,078	\$143,676,540



**Alaska Department of Education and Early Development  
FY2022 Capital Improvement Projects  
Major Maintenance Grant Fund**

**Final List**

Jan 15 Rank	Dec 18 Rank	Nov 5 Rank	School District	Project Name	Amount Requested	Eligible Amount	Prior Funding	DEED Recommended Amount	Participating Share	State Share	Aggregate Amount
90	90	90	Southeast Island	Thorne Bay K-12 School Flooring Replacement	\$72,372	\$72,372	\$0	\$72,372	\$1,447	\$70,925	\$143,747,465
91	91	91	Juneau Borough	Riverbend Elementary School Roof Replacement	\$2,800,000	\$2,800,000	\$0	\$2,800,000	\$980,000	\$1,820,000	\$145,567,465
92	92	92	Fairbanks Borough	Weller Elementary School Classroom Upgrades	\$5,963,708	\$4,821,800	\$0	\$4,821,800	\$1,687,630	\$3,134,170	\$148,701,635
93	93	93	Lower Yukon	Ignatius Beans K-12 School Marine Header Pipeline, Mountain Village	\$1,388,860	\$1,388,860	\$0	\$1,388,860	\$27,777	\$1,361,083	\$150,062,718
94	94	94	Mat-Su Borough	Elevator Code and Compliance Upgrades, 6 Sites	\$1,636,582	\$1,636,582	\$0	\$1,636,582	\$490,975	\$1,145,607	\$151,208,325
95	95	95	Southeast Island	Thorne Bay K-12 School Mechanical Control Upgrades	\$1,239,950	\$1,239,950	\$0	\$1,239,950	\$24,799	\$1,215,151	\$152,423,476
96	96	96	Mat-Su Borough	Structural Seismic Upgrades, 5 Sites	\$11,784,140	\$11,784,140	\$0	\$11,784,140	\$3,535,242	\$8,248,898	\$160,672,374
97	97	97	Yupit	Mechanical System Improvements, 3 Schools	\$811,120	\$811,120	\$0	\$811,120	\$16,222	\$794,898	\$161,467,272
98	98	98	Mat-Su Borough	Talkeetna Elementary School Roof Replacement	\$1,712,769	\$1,712,769	\$0	\$1,712,769	\$513,831	\$1,198,938	\$162,666,210
99	99	99	Mat-Su Borough	Colony and Wasilla Middle Schools Roof Replacement	\$4,195,070	\$4,195,070	\$0	\$4,195,070	\$1,258,521	\$2,936,549	\$165,602,759
100	100	100	Mat-Su Borough	HVAC Control Upgrades, 5 Sites	\$10,167,099	\$10,147,491	\$0	\$10,147,491	\$3,044,247	\$7,103,244	\$172,706,003
101	101	101	Mat-Su Borough	Ceiling and Sprinkler Seismic Mitigation, 5 Sites	\$3,651,237	\$3,651,237	\$0	\$3,651,237	\$1,095,371	\$2,555,866	\$175,261,869
102	102	102	Lower Yukon	Kotlik and Pilot Station K-12 Schools Renewal and Repair	\$4,035,240	\$4,035,240	\$0	\$4,035,240	\$80,705	\$3,954,535	\$179,216,404
103	103	103	Southeast Island	Port Alexander K-12 School Domestic Water Pipe Replacement	\$91,332	\$91,332	\$0	\$91,332	\$1,827	\$89,505	\$179,305,909
104	104	104	Yupit	Akiachak K-12 School Window Replacement	\$119,128	\$119,128	\$0	\$119,128	\$2,383	\$116,745	\$179,422,654
105	105	105	Lower Yukon	Sheldon Point K-12 School Exterior Repairs, Nunam Iqua	\$1,844,996	\$1,844,996	\$0	\$1,844,996	\$36,900	\$1,808,096	\$181,230,750
106	106	106	Southeast Island	Thorne Bay K-12 School Underground Storage Tank Replacement	\$433,860	\$433,860	\$0	\$433,860	\$8,677	\$425,183	\$181,655,933
107	107	107	Southeast Island	Port Alexander and Thorne Bay K-12 Schools Roof Replacement	\$3,925,991	\$3,925,991	\$0	\$3,925,991	\$78,520	\$3,847,471	\$185,503,404
108	108	108	Lower Yukon	Security Access Upgrades, 6 Sites	\$1,818,377	\$1,818,377	\$0	\$1,818,377	\$36,368	\$1,782,009	\$187,285,413
<b>Totals:</b>					<b>\$262,704,849</b>	<b>\$243,061,522</b>	<b>\$0</b>	<b>\$243,061,521</b>	<b>\$55,776,108</b>	<b>\$187,285,413</b>	

**Mt. Edgecumbe High School Repairs****FY2022 Request: \$7,882,000****Reference No: 58544****AP/AL:** Appropriation**Project Type:** Deferred Maintenance**Category:** Education**Location:** Sitka**House District:** Sitka/Petersburg (HD 35)**Impact House District:** Sitka/Petersburg (HD 35)**Contact:** Tim Mearig**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-6906**Brief Summary and Statement of Need:**

This project will fund the top 6 critical projects on the Mt. Edgecumbe deferred maintenance listing.

Projects include: Building 290 Commercial Kitchen Hood/Ventilation System Replacement, Campus-wide ADA Upgrades, Building 299 Access Stairs and Bridge Replacement, Building 292 (Boy's Dorm) Window Wall Replacement and Ventilation Improvements, Backup Generator Installation, Building 1331, and Building 1330 Renovations

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$7,882,000						\$7,882,000
<b>Total:</b>	<b>\$7,882,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,882,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Sec1 Ch18 SLA2014 P51 L5 SB119 \$1,700,000  
 Sec1 Ch16 SLA2013 P62 L32 SB18 \$1,845,000  
 Sec1 Ch17 SLA2012 P112 L32 SB160 \$1,700,000  
 Sec10 Ch5 SLA2011 P150 L10 SB46 \$800,000  
 Sec4 Ch43 SLA2010 P11 L9 SB230 \$1,700,000



**Fairbanks Pioneer Home Roof and Flooring Replacement**      **FY2022 Request:**      **\$2,441,800**  
**Reference No:**      **45518**

**AP/AL:** Appropriation      **Project Type:** Deferred Maintenance  
**Category:** Health/Human Services  
**Location:** Fairbanks (City of Fairbanks)      **House District:** Downtown Fairbanks (HD 1)  
**Impact House District:** Downtown Fairbanks (HD 1)      **Contact:** Amy Burke  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026      **Contact Phone:** (907)465-1624

**Brief Summary and Statement of Need:**

This project will address deferred maintenance needs at the Fairbanks Pioneer Home, including critical replacement of both the roof and flooring.

The existing roof does not meet snow load requirements. A newly designed roofing system is necessary. Estimated cost \$1,890,000.

The Fairbanks Pioneer Home has 57,000 square feet of flooring which is carpeted and needs to be replaced, including all the hallways and resident rooms. Asbestos containing tiles and adhesive have been found under the hallway carpet which requires expensive abatement. The dining rooms, bathrooms, break room and receiving area are either sheet vinyl or vinyl asbestos tile. Estimated cost \$551,800.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1008 G/O Bonds	\$2,441,800						\$2,441,800
<b>Total:</b>	<b>\$2,441,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,441,800</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☐ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Carpeting in the hallways is past its life expectancy and is a safety hazard to residents, staff and visitors. Seams have come apart in many places. There are wear patterns in high traffic areas and even threadbare carpet in some places which are tripping and fall hazards.

**Fairbanks Youth Facility****FY2022 Request: \$18,896,000****Reference No: 45505****AP/AL:** Appropriation**Category:** Health/Human Services**Location:** Fairbanks (Areawide)**Impact House District:** Fairbanks Areawide (HD 1-5)**Project Type:** Construction**Recipient:** Various**House District:** Fairbanks Areawide (HD 1-5)**Contact:** Amy Burke**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-1624**Brief Summary and Statement of Need:**

The Fairbanks Youth Facility, originally constructed in the 1970s, provides a secure detention program for boys and girls, treatment services for boys, and provides space for Fairbanks juvenile probation and administrative staff. The building has antiquated mechanical systems that are in need of replacement, including heating, electrical and plumbing, and does not provide for ideal safety and security of staff and residents or allow for efficient programming and operations. Development of a secure facility entry point that includes a screening area, an intake, transfer and release station, and a medical suite comprise the major projects that will correct most of the deficiencies in the facility.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$18,896,000						\$18,896,000
<b>Total:</b>	<b>\$18,896,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,896,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☒ Phased - new   
 ☐ Phased - underway   
 ☐ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:****Project Description/Justification:**

The Fairbanks Youth Facility (originally constructed in the 1970s) provides a secure detention program for boys and girls, treatment services for boys, and provides space for Fairbanks juvenile probation and administrative staff. The building has antiquated mechanical systems that are in need of replacement, including heating, electrical and plumbing, and does not provide for ideal safety and security of staff and residents or allow for efficient programming operations. Development of a secure facility entry point that includes a screening area, an intake, transfer and release station, and a medical suite comprise the major projects that will correct most of the deficiencies in the facility. This project also includes overall campus improvements for the health and well-being of Alaska's youth in need of detention and treatment.

**FY2022 Phase 1 - \$11,871,000****1. Treatment**

- a. Construct a new treatment unit; this will be a 14-bed unit (12 regular rooms and 2 observation cells for improved short-term behavior management of high risk youth) similar to the units at the McLaughlin Youth Center in Anchorage and at the Johnson Youth Center in Juneau.
- b. Relocate the Mental Health Clinician office to be off the dayroom for improved response to mental health needs.
- c. Create a loading dock for secure delivery of program related products, food and laundry.

## 2. Probation and Administration

- a. Create safe interview rooms for the juvenile probation officers. Currently probation staff hold interviews with youth and families in their offices where egress can be difficult in a dangerous situation and potentially violent youth have access to objects in offices that they can potentially use as weapons.
- b. Create a urinalysis sample toilet room, improving privacy and confidentiality.

## **FY2023 Phase 2 - \$7,025,000**

### 3. Intake, Detention and Screening

- a. Construct an addition to provide a safe environment for police officers to escort juveniles to the facility's intake area.
- b. Renovate the building's primary entry point to provide a secure screening area for all visitors. This modification will reduce the risk of visitors entering the facility with weapons or other contraband.
- c. Relocate the medical suite adjacent to the new intake area, allowing for medical screening to take place immediately after the youth enters the facility.
- d. Relocate the Unit Supervisor office to be off the dayroom to increase response time in an emergency.
- e. Add a new larger classroom that will increase educational opportunities.
- f. Construct an outdoor recreation area to provide residents with a secure outdoor gym activity area.

### Campus-Wide Project Benefits

The safety and security of both juvenile clients/residents and staff is a primary concern within the division. If this project is not funded, the division will continue to struggle with the safety and security issues prevalent at this site. Antiquated systems will fail within the facility and need to be addressed on an emergency basis with limited contingency funds and potentially resulting in a supplemental budget request. Significant system failures could require the temporary or longer-term relocation of probation and administrative offices to leased space in the community. In those circumstances, detention and treatment residents will need to be relocated to other facilities throughout the State of Alaska, creating potential for significant overcrowding and increased financial obligations to ensure safety and security of staff and residents.

**Palmer Alaska Veterans' and Pioneers Home Roof Replacement****FY2022 Request: \$5,518,000**  
**Reference No: 63262****AP/AL:** Appropriation**Project Type:** Construction**Category:** Health/Human Services**Location:** Palmer (Palmer)**House District:** Matsu Areawide (HD 7-12)**Impact House District:** Matsu Areawide (HD 7-12)**Contact:** Amy Burke**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-1624**Brief Summary and Statement of Need:**

The roof at the Alaska Veterans and Pioneers Home in Palmer has been in various states of failure for a number of years with major damage to the roof and beam structure as identified in the 2015 roof assessment. The Alaska Pioneer Homes applied for the Veterans Affairs State Construction Grant program in March of 2019 and was approved to be added to the award priority list, which means it was awarded by priority and is awaiting funding. The expectations are that the funds will likely be appropriated by Congress this spring/summer 2021 for an award, which has a general fund match requirement. The Federal amount is \$3.25M.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$3,250,000						\$3,250,000
1008 G/O Bonds	\$2,268,000						\$2,268,000
<b>Total:</b>	<b>\$5,518,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,518,000</b>

<input checked="" type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
42% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill		

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:****Project Description/Justification:**

The roof of the Alaska Veterans and Pioneers Home (AVPH) in Palmer has been in various states of failure for a number of years with major damage to the roof and beam structure as identified in the 2015 roof assessment. Leaks and possible structural failure require the entire roof to be replaced. The Division applied for the Veterans Affairs (VA) State Construction Grant program in March of 2019 and was approved to be added to the award priority list, which means it was awarded by priority and is awaiting funding. The expectations are that the funds will likely be appropriated by congress this spring/summer for an award, which has a general fund match requirement.

**Consequences if the proposal is not enacted:**

**Palmer Alaska Veterans' and Pioneers Home Roof  
Replacement**

**FY2022 Request: \$5,518,000**  
**Reference No: 63262**

If the roof is not replaced there will continue to be leaks throughout the facility. Without the additional federal authority and the State match, the State will not be able to utilize the Federal funding from the VA to replace the roof and provide a safe environment for residents.

**Alaska Vocational Technical Center Upgrades****FY2022 Request: \$19,500,000****Reference No: 48821****AP/AL:** Appropriation**Project Type:** Deferred Maintenance**Category:** Education**Location:** Seward**House District:** Kenai Areawide (HD 29-31)**Impact House District:** Kenai Areawide (HD 29-31)**Contact:** Dan DeBartolo**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-5984**Brief Summary and Statement of Need:**

This project will provide funding for the Alaska Vocational Technical Center's (AVTEC) buildings in Seward. Specific projects related to this request include:

Student Housing and Services Center Repairs and Renovations, Industrial Electricity Building Repairs and Renovations, First Lake Campus Repairs and Renovations, Campus-wide Repairs for Safety and Health and ADA Compliance, Campus-wide Fire Alarm Upgrade, Wind Turbine Repair, Old Applied Technology Building Demolition, and a new Maintenance Shop and Plumbing and Building Facility. This will provide funding for the majority of AVTEC's deferred maintenance needs.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$19,500,000						\$19,500,000
<b>Total:</b>	<b>\$19,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,500,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Sec1 Ch16 SLA2013 P68 L31 SB 18 \$968,000  
 Sec1 Ch17 SLA2012 P121 L21 SB 160 \$1,000,000  
 Sec1 Ch5 SLA2011 P87 L20 SB 46 \$1,000,000  
 Sec4 Ch43 SLA2010 P12 L22 SB 230 \$1,000,000  
 Sec1 Ch15 SLA2009 P16 L20 SB 75 \$600,000  
 Sec10 Ch29 SLA2008 P68 L27 SB 221 \$1,727,000  
 Sec4 Ch30 SLA2007 P96 L7 SB 53 \$1,503,000  
 Sec1 Ch82 SLA2006 P74 L24 SB 231 \$2,500,000  
 Sec1 Ch3 SLA2005 P57 L23 SB 46 \$1,250,000  
 Sec1 Ch159 SLA2004 P27 L17 SB 283 \$1,418,500

**Alaska Public Safety Communication Services System Upgrades****FY2022 Request: \$12,000,000**  
**Reference No: 54931****AP/AL:** Appropriation**Project Type:** Information Technology / Systems / Communication**Category:** Public Protection**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Stephanie Richard**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)428-7204**Brief Summary and Statement of Need:**

This project provides for the maintenance of Alaska Land Mobile Radio (ALMR) communications coverage to address needs in rural areas. This project directly supports 9-1-1 dispatch/emergency communications. Funds will also be used for the State of Alaska Telecommunications System (SATS), a network of public safety communications infrastructure sites.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$12,000,000						\$12,000,000
<b>Total:</b>	<b>\$12,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,000,000</b>

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Sec1 Ch5 SLA2011 P2 L28 SB46 \$3,000,000

Sec10 Ch11 SLA2008 P57 L10 SB256 \$10,000,000

These systems provides mission critical, Land Mobile Radio (LMR), and 9-1-1 dispatch services supporting most of the State's population. Daily reliability of the system has reached a point, after years of deferring routine preventative maintenance and required life-cycle refresh, of periods of inoperability in select areas.

**Project Description/Justification:**

The Alaska Land Mobile Radio (ALMR) project will fund implementation of new technologies to supplement services currently provided, which will be evaluated and implemented based on customer requirements and maturity of the technologies. Technologies to enable interoperability between FirstNet and other broadband providers to ALMR 9-1-1 dispatch and ALMR coverage are rapidly evolving. Expanded ALMR coverage to locations currently not served, such as the Tok cutoff and improving coverage and capacity in locations such as the Mat-Su Valley have long been unmet public safety requirements. There are evolving solutions to provide 9-1-1 dispatch connected public safety communications to Western Alaska and other locations outside the current ALMR coverage that will begin to be addressed with this phased project.



**Alaska Public Safety Communication Services System  
Upgrades**

**FY2022 Request: \$12,000,000  
Reference No: 54931**

The SATS network had degenerated into a “break and fix” state of unreliable operation. With the last of the FY15 deferred maintenance funding being exhausted, this project will provide funding to continue to respond to break/fix and outage situations. There are also several sites requiring basic work such as security fencing, significant cleanup, and in some cases the site will need to be decommissioned. This project will also help fund further inspection work to determine more accurate costs to bring the system up to industry standards. There are currently over 1,000 open work orders against the SATS infrastructure. Most locations have not had rigorous engineering inspections, preventative maintenance inspections, and the required analysis to document all issues and concerns. Initial indications are the remediation will require contract support to resolve.

Priorities and cost estimates may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations such as new and evolving requirements.

**Additional Information:**

The Alaska Land Mobile Radio (ALMR) network enables emergency communications across vast areas of Alaska. The network is relied on extensively to ensure that major routes between Alaska’s major population areas guarantee that emergency services can coordinate responses that help protect people and resources. The State of Alaska (SOA) partners with the Department of Defense (DoD) and the Municipality of Anchorage to own and operate this network. Each partner owns a portion of the network and is responsible for maintaining their respective assets.

Public safety mission critical communications systems typically run in five to fifteen-year life cycles for the hardware, software and equipment components. Like any other computer, the hardware and software components that make up the system require continuous refresh and replacement to maintain functionality and security protections.

The SOA owns and operates 75 site radio locations across 156,600 square miles of Alaska. Each site consists of a set of fixed mounted radios that are part of a contiguous network attached either by a microwave chain or a leased data circuit. The network’s primary goal is to carry mission and safety critical voice communications for first responder public safety agencies. There are currently 16,703 subscribers on the ALMR network with 83 percent performing a public safety function and 76 percent of these subscribers are first responder users. It is the basic tenant of this network to operate as a safety and mission critical system. A safety critical system is a system that, if it fails, may result in serious environmental damage, injury, or loss of life. If a failure exists in a mission critical system, that may result in a failure in a high-priority, goal-directed activity.

**Alcantra Armory and Arc-Flash Improvements****FY2022 Request: \$1,675,000****Reference No: 63232****AP/AL:** Appropriation**Project Type:** Life / Health / Safety**Category:** Public Protection**Location:** Wasilla**House District:** Greater Wasilla (HD 7)**Impact House District:** Greater Wasilla (HD 7)**Contact:** Stephanie Richard**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)428-7204**Brief Summary and Statement of Need:**

This project will increase the Alcantra armory's ability to house the secondary command and control center for the State's Emergency Operations Center and the National Guard Joint Operations Center. The Alcantra facility is also out of compliance with current safety standards for its electrical system. This project would make all the necessary corrective measures and repairs to bring the facility up to code.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$837,500						\$837,500
1008 G/O Bonds	\$837,500						\$837,500
<b>Total:</b>	<b>\$1,675,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,675,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:****Project Description/Justification:**

The Department of Military and Veterans' Affairs (DMVA) Continuity of Operations Plan (COOP) identifies the Alcantra Armory as a secondary Command and Control Center. This project would complete all necessary electronic upgrades for remote communication, sleeping facilities and other requirements to allow the site to function during emergency needs, as well as preventative maintenance needs that are several years behind. These actions will bring the facility up to State, Federal, and National Guard Bureau code.

Arc-Flash – A 29 CFR 1910 subpart S, and NFPA 130.5 is a requirement to protect the facilities, occupants, and employees working on electric systems. This will include evaluation, engineering, as well as correcting system deficiencies within the electrical distribution system throughout the installation. The project will identify safe distances and specific personal protective equipment required for any maintenance and repair on the electrical system.

**Alcantra Armory and Arc-Flash Improvements****FY2022 Request: \$1,675,000****Reference No: 63232**

Not funding this project risks creating potential life, safety, and health issues on the installation as well as leave the state without a designated secondary command and control. This could potentially compromise operations in the event of an emergency if the National Guard Armory on Joint Base Elmendorf Richardson (JBER) is not operational.

Any additional funding left over from the above projects would go towards preventative maintenance across JBER.

**Heney Range Shelter Replacement****FY2022 Request: \$442,000****Reference No: 63229**

**AP/AL:** Appropriation  
**Category:** Public Protection  
**Location:** Cordova

**Project Type:** Renewal and Replacement**House District:** Kodiak/Cordova/Seldovia (HD 32)**Impact House District:** Kodiak/Cordova/Seldovia (HD 32)**Contact:** Stephanie Richard**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)428-7204**Brief Summary and Statement of Need:**

Replace the shelter at Heney Range and clean up unused equipment on site. The shelter has water damage from a leaking roof and temporary patches have been applied several times. The roof of the structure is in danger of imminent failure.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$442,000						\$442,000
<b>Total:</b>	<b>\$442,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$442,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☐ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:****Project Description/Justification:**

The current shelter is over 30 years old and has had significant temporary maintenance done to it over the last several years. The roof and walls are getting soft and spongy due to the water and ice damage from some of the state's harshest environment conditions.

This project will result in a new fiberglass shelter. Configured in Anchorage, the new shelter will then be shipped to Cordova. The old shelter will be stripped of all equipment and removed making room for the new shelter to be put in its place, all equipment will be reinstalled and configured.

If not replaced, the roof could fail resulting total loss of Alaska Land Mobile Radio (ALMR) and other emergency communications coverage in the Cordova area. Structure failure could also result in the loss of more than \$500.0 worth of equipment.

**Statewide Tower Lighting System Replacement****FY2022 Request:****\$600,000****Reference No:****63230****AP/AL:** Appropriation**Project Type:** Renewal and Replacement**Category:** Public Protection**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Stephanie Richard**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)428-7204**Brief Summary and Statement of Need:**

Replace the tower lighting system at multiple points across the state. This project will reduce power consumption and maintenance costs, as well as improve the safety of the towers.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$600,000						\$600,000
<b>Total:</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:****Project Description/Justification:**

Replace the tower lighting system at the Anchor Point, Tudor Tower, Nenana, Canyon Creek, Cathedral Rapids, Peger, Honolulu, Juneau AST, Pipeline, Ninilchick, Ski Hill, Sterling and Willow Creek sites while contractors are completing other planned tower maintenance and repairs.

Many of the existing tower lights are aging and require careful monitoring and maintenance. Planning is underway on a project to perform significant tower repairs and remediation work. This project will add refreshing the lights into the larger project scope of work.

Federal Communications Commission (FCC) requires that these tower structures remain lit, but depending upon the type of lighting system, the life of that bulb will vary. Since light emitting diodes (LED) are in a whole different class with lifespan estimates 10-25 times greater than the older technology, bulb changes are infrequent, reducing maintenance costs. Safety of the sites will improve, including improved lighting and reduced time that crews would need to be on the towers, which is one of the more dangerous aspects of the job especially during Alaska's cold and inclement weather. This project would also significantly lower the amount of electricity used. Tower LED systems use 90% less electricity than incandescent systems.

## Statewide Tower Lighting System Replacement

**FY2022 Request:** \$600,000

**Reference No:** 63230

Immediate funding will result in the project completed concurrently with other planned tower projects, reducing duplication of effort and saving \$500.0 UGF.

**Summit Lake Foundation Repairs****FY2022 Request: \$150,000****Reference No: 63231****AP/AL:** Appropriation**Project Type:** Renovation and Remodeling**Category:** Public Protection**Location:** Hope**House District:** North Kenai (HD 29)**Impact House District:** North Kenai (HD 29)**Contact:** Stephanie Richard**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)428-7204**Brief Summary and Statement of Need:**

The foundation and shelter continue to settle, and temporary repairs have been performed several times. This project will fund an engineering study to determine a permanent foundation fix and will provide funding for the repair.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$150,000						\$150,000
<b>Total:</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:****Project Description/Justification:**

The shelter at Summit Lake is sinking. As it sinks, it leans and crushes the walkway and ice bridge between the Department of Military and Veterans' Affairs' shelter and Chugach Electric's shelter, damaging both. Previous maintenance has shored up the building several times, but it continues to push the cribbing into the marshy, soft soil that it sits on. Inevitably, this movement will damage the fragile feed lines that ravel up the tower resulting in an outage that will impact Alaska Land Mobile Radio (ALMR) services on the Kenai Peninsula.

This project will result in an engineering firm performing a geologic study on the location and providing a report for repairs. Once the report is received, a contractor will be solicited to repair the foundation which will permanently support the stability of the shelter.

If the foundation is not permanently repaired, the cost of damage repairs would exceed the cost of the preventive repairs as well as provide interruptions to services on the Kenai Peninsula.



**Arctic Strategic Transportation and Resource Project  
Survey, Coastal Hazard Assessment, and Petroleum  
Geology Fieldwork**

**FY2022 Request: \$2,100,000**  
**Reference No: 62649**

**AP/AL:** Appropriation

**Project Type:** Research / Studies / Planning

**Category:** Development

**Location:** Barrow

**House District:** Arctic (HD 40)

**Impact House District:** Arctic (HD 40)

**Contact:** Cheri Lowenstein

**Estimated Project Dates:** 07/01/2021 - 06/30/2026

**Contact Phone:** (907)465-2422

**Brief Summary and Statement of Need:**

The Arctic Strategic Transportation and Resources (ASTAR) project is a collaborative effort initiated by the Department of Natural Resources (DNR) to form a cooperative group of stakeholders in the region to guide the development of future infrastructure projects to best benefit the communities of the North Slope by identifying material sites and water sources critical to resource development, mitigating geologic hazards impacting critical facilities, attracting new petroleum investors, and providing access to areas that may require remediation from previous exploration activities. This request is for Phase 2 of 4 phases planned to develop resources that empower Alaska's Arctic communities.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$2,100,000						\$2,100,000
<b>Total:</b>	<b>\$2,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,100,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Sec19 Ch1 SLA2017 P22 L21 SB23 \$7,303,482

**Project Description/Justification:**

The Arctic Strategic Transportation and Resources (ASTAR) project is an effort that seeks to identify regional infrastructure needs. Through the ASTAR effort, alliances with willing Arctic communities and stakeholders have been formed to collaborate on opportunities that strengthen community infrastructure and facilitate access to Arctic resources. The goal is to identify infrastructure opportunities that offer the most cumulative benefit and that best enhance the quality of life for the region.

This project will address the highest priority data gaps identified during the ASTAR project that the division can address in a timely and cost-efficient manner. This project will support the natural

outgrowth of ASTAR and empower Alaska's Arctic communities through continued engagement with federal land managers and delivery of resource information critical to community infrastructure planning, proposal, and development:

- Sand and gravel survey (\$750,000)

Because it is expensive to transport sand and gravel, identifying where the location of construction-quality sand and gravel resources are will help communities estimate the costs of new infrastructure and facilitates industry development.

- Coastal hazards assessment for North Slope communities and facilities (\$350,000)

Identify areas near North Slope coastal communities and development centers that are vulnerable to flooding and coastal erosion. Providing data on erosion rates and flooding along the coast will support development projects, community connectivity, public safety, and community resilience.

- Petroleum geology fieldwork from the eastern National Petroleum Reserve in Alaska (NPR-A) to the Arctic National Wildlife Refuge (ANWR) coastal plain will provide regional and reservoir-scale geologic data for the Nanushuk, Torok, Seabee, Tuluva, and associated petroleum-significant rock units (\$1,000,000). This work will include shallow coring of the Nanushuk, Seabee, and Tuluva formations at several locations. The industry relies on publicly available geological information when deciding where to invest in seismic, exploration, and development activities. Because Alaska is a resource-rich state, making this information available attracts investment.

- Water resource survey of the Coastal Plain has been postponed but will be needed in the future. This survey will collect information about water depths and fish presence, which will inform water needs for ice road and ice pad construction. Temporary ice infrastructure allows for seasonal transportation associated with construction operations and resource development activities (exploration, development drilling, and oil production) in areas with limited or nonexistent gravel roads.

This work has not been previously proposed. Budgets were developed as part of a four-year program by subject-matter experts to address this project's four components. Also, initially proposed project elements were removed from consideration during the development of the 2019 budget. Staffing required to complete this work will mix existing staff and non-permanent project staff.

### **What was accomplished with prior funding?**

The Department of Natural Resources (DNR) has effectively spent and allocated funds appropriated for ASTAR (FY18-FY20) to execute key objectives and facilitate the State's participation in complementary planning efforts, such as for oil and gas leasing with the newly defined Coastal Plain. Specific accomplishments include:

- (1) Provided technical assistance on the interdisciplinary team (IDT) to help write the Affected Environment section of the Environmental Impact Statement (EIS) for the Coastal Plain leasing program in accordance with the Tax Act and National Environmental Policy Act (NEPA) and to identify existing sources of information/data, within the 1-year timeline for the entire NEPA process (April 2018 to April 2019);
- (2) Completed pre-Phase 1 activities to collect preliminary data needed to produce digital maps and associated geospatial data files that identify potential sources of construction materials within the

**Arctic Strategic Transportation and Resource Project  
Survey, Coastal Hazard Assessment, and Petroleum  
Geology Fieldwork**

**FY2022 Request:       \$2,100,000  
Reference No:           62649**

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northern National Petroleum Reserve—Alaska (NPR-A), including targeted fieldwork and helicopter-supported drilling to ground truth desktop terrain-unit and surficial-geologic mapping; and (3) Initiated Phase 1 activities to compile sand and gravel data east to Kaktovik, plan additional drilling for construction materials exploration in NPR—A, prepare for airborne geophysical surveys and data collection to evaluate water resources of the Coastal Plain, begin baseline data collection and field mapping of coastal hazards, and plan petroleum geology field mapping at Slope Mountain and Shale Wall.

**Fairbanks to Seward Multi-Use Recreation Trail  
Construction**

**FY2022 Request: \$13,200,000**  
**Reference No: 63332**

**AP/AL:** Appropriation

**Project Type:** Planning

**Category:** Natural Resources

**Location:** Statewide

**House District:** Statewide (HD 1-40)

**Impact House District:** Statewide (HD 1-40)

**Contact:** Cheri Lowenstein

**Estimated Project Dates:** 07/01/2021 - 06/30/2026

**Contact Phone:** (907)465-2422

**Brief Summary and Statement of Need:**

This project will construct a multi-use trail from Fairbanks to Seward.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$13,200,000						\$13,200,000
<b>Total:</b>	<b>\$13,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,200,000</b>

☐ State Match Required    ☐ One-Time Project    ☐ Phased - new    ☐ Phased - underway    ☒ Ongoing  
0% = Minimum State Match % Required    ☐ Amendment    ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Additional Impact House District (HD) Information:

- Fairbanks Areawide (HD 1-5),
- Eielson/Denali/Upper Yukon/Border (6)
- Matsu Areawide (HD 7-12)
- Anchorage Areawide (HD 12-28)

**Project Description/Justification:**

See attached project listing

Long Trail Project Descriptions

Department	Title	Section	Senate District	Description	Unrestricted General Funds (UGF)	Designated General Funds (DGF)	Other Funds	Federal Funds	Total	Fund Source
Natural Resources	Fairbanks to Seward Multi-Use Recreation Trail Construction	Fairbanks Equinox Trail	C	Secure easements, construct a new section of trail on Ester Dome, and build trailheads; connects to the Nenana-Fairbanks segment.			1,200.0		1,200.0	Other - GO Bonds
Natural Resources	Fairbanks to Seward Multi-Use Recreation Trail Construction	Isberg 4-Season Trail Connections	C	4 miles of trail hardening for all-season use and trailhead construction.			1,200.0		1,200.0	Other - GO Bonds
Natural Resources	Fairbanks to Seward Multi-Use Recreation Trail Construction	Nenana-Fairbanks	C	28 new miles of recreational multi-use trails through Tanana Valley State Forest, linking existing forest roads.			1,600.0		1,600.0	Other - GO Bonds
Natural Resources	Fairbanks to Seward Multi-Use Recreation Trail Construction	Antler Creek	C	New parking area and restroom, with short easy loop trail, leading to a longer more adventurous route up to Denali National Park; second phase is planning for a related ATV/hiking trail system north to Otto Lake.			500.0		500.0	Other - GO Bonds
Natural Resources	Fairbanks to Seward Multi-Use Recreation Trail Construction	McKinley Village/Mile 231	C	Pedestrian bridge over the Nenana River, connecting to lodging and commercial uses, with new parking, new trails to the north.			2,200.0		2,200.0	Other - GO Bonds
Natural Resources	Fairbanks to Seward Multi-Use Recreation Trail Construction	Government Peak Recreation Area to Skeetawk Ski area Connector Trail	E	New 12-mile connection.			1,900.0		1,900.0	Other - GO Bonds
Natural Resources	Fairbanks to Seward Multi-Use Recreation Trail Construction	Coastal Trail to Ship Creek	H-N	Connection between two major Anchorage trails.			800.0		800.0	Other - GO Bonds
Natural Resources	Fairbanks to Seward Multi-Use Recreation Trail Construction	Crow Pass-Eagle River Trail	G-N	Upgrades and bridges on a trail of statewide significance that is washing into Eagle River.			1,300.0		1,300.0	Other - GO Bonds
Natural Resources	Fairbanks to Seward Multi-Use Recreation Trail Construction	Turnagain Arm Trail Connection	H-N	Filling the short gap in the trail system from Girdwood to Anchorage.			300.0		300.0	Other - GO Bonds
Natural Resources	Fairbanks to Seward Multi-Use Recreation Trail Construction	“Southern Trek” of the Iditarod National Historic Trail	O	Five bridges and a new trailhead on the route from Seward to Girdwood.			2,200.0		2,200.0	Other - GO Bonds
Natural Resources	Fairbanks to Seward Multi-Use Recreation Trail Construction	Project Total					13,200.0		13,200.0	Other - GO Bonds

**Statewide Firebreak Construction Program****FY2022 Request: \$20,000,000****Reference No: 62961****AP/AL:** Appropriation**Project Type:** Life / Health / Safety**Category:** Natural Resources**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Cheri Lowenstein**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2422**Brief Summary and Statement of Need:**

This project will fund a statewide Firebreak Construction Program.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1008 G/O Bonds	\$20,000,000						\$20,000,000
Total:	\$20,000,000	\$0	\$0	\$0	\$0	\$0	\$20,000,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

**Prior Funding History / Additional Information:**

# Alaska Fuel Break Strategic Projects

Alaska Department of Natural Resources, Division of Forestry

March 8<sup>th</sup> 2021

Area	Location	Project Name	Description	Acres	Summary Project Costs	Implementation Method (Contractor or Agency)
Fairbanks/Delta	Fairbanks	Little Chena Fuel Break (Maintenance)	Project proposes to maintain existing fuel breaks on the little Chena located off Chena Hot Springs Road. Maintenance will consist of treatment units with a roller chopper, or by other mechanical methods and burn remaining piles.	884	\$230,000.0	Contractor
Fairbanks/Delta	Fairbanks	Goldstream Valley (Maintenance)	Project proposes to maintain 350 acres of existing fuel breaks in the Goldstream Valley in Northwestern Fairbanks. Retreat existing units with a roller chopper, or by other mechanical methods, and burn remaining piles	350	\$70,000.0	Contractor
Mat-Su/Southwest	Mat-Su	Horseshoe lake (Maintenance)	Maintenance for shaded fuel break protecting the access/egress to the Horseshoe Lake Firewise community.		\$150,000.0	Agency
Mat-Su/Southwest	Mat-Su	Chugach State Parks (Maintenance)	Maintenance of previously completed shaded fuel breaks in Eklutna, McHugh, Glenn Alps, & Indian State Park areas. These projects will need to be rescoped to include recent spruce beetle damage.		\$300,000.0	Agency
Mat-Su/Southwest	Mat-Su	MSB Fuels (Maintenance)	Includes maintenance for shaded fuel breaks around eight schools, four campgrounds / public use areas.	125	\$100,000.0	Agency
Anchorage Area	Various	Anchorage Municipality (Maintenance)	Includes maintenance of shaded fuel breaks around schools, easements, evacuation routes, and public use areas.	TBD	TBD	Contractor/Agency
Kenai/Kodiak	Northern Kenai	Kenai-Nikiski	Linear fuel break construction adjacent to USFWS lands 200 acres	200	\$500,000.0	contractor/Agency



Kenai/Kodiak	South Central Kenai	Clam Gulch-Ninilchik	Defensible space assessments on residential structures and egress routes, along with liner fuel break construction 200 acres	200	\$500,000.0	Contractor
Kenai/Kodiak	Kenai Peninsula Borough	CY2020 Stewardship WUI Homeowner	Homeowner defensible space beetle kill tree removal (100 acres or 80 homes)	100	\$190,000.0	
Mat-Su/Southwest	Mat-Su	Zero Lake	7-mile fuel break to protect the communities of Meadow Lakes and Houston from continuous fire-prone fuels.	250	\$750,000.0	contractor/Agency
Mat-Su/Southwest	Mat-Su	Knik River Public use area	Public use trails ranging from Maud Road to the Knik/ Jim Creek area. Hazard fuel reduction along high use trails and known camping sites	100	\$200,000.0	contractor/Agency
Mat-Su/Southwest	Mat-Su	Glacier View	Matanuska Glacier State Recreation Site, hazard fuels reduction (spruce beetle). Protects Glacier View School and community.	75	\$200,000.0	contractor/Agency
Mat-Su/Southwest	Mat-Su	Edgerton – Parks & Government Peak Rec Area	Proposed hazard fuel treatment of eight miles of trails in the Government Peak Recreation Area. This high use area that has been recently impacted by spruce beetle.	70	\$300,000.0	Agency
Mat-Su/Southwest	Southwest	MTNT Phase 2	Continue fuels reduction work around McGrath, Takotna, Nikolai, Tolida.	100	\$300,000.0	Agency
Mat-Su/Southwest	Mat-Su	Kesugi-Ken Campground and Public Use Cabins	Hazardous fuels reduction, spruce beetle kill mitigation, and user safety improvements.	175	\$300,000.0	contractor
Mat-Su/Southwest	Mat-Su	Mat-Su area campground and public use areas	Hazardous fuels reduction, spruce beetle kill mitigation, and user safety improvements for Mat-Su area campgrounds, public use areas and public use cabins including: Big Lake CG (North and South), Willow Creek CG, Little Susitna PUF and remote sites, Susitna Landing, Bonnie Lake SRS.	150	\$300,000.0	contractor/Agency

Mat-Su/Southwest	Southwest	Southwest Alaska Fuels Mitigation	Create fuels breaks around village dumps and landfills in western Alaska. Dump fires are a common and avoidable fire cause. Use village crews in communities where available.	200	\$500,000.0	Agency
Mat-Su/Southwest	Mat-Su Borough	CY2020 Stewardship WUI Homeowner	Homeowner defensible space beetle kill tree removal (100 acres or 80 homes)	100	\$190,000.0	Agency
Mat-Su/Southwest	Mat-Su Borough	CY2021 Stewardship WUI Homeowner	Homeowner defensible space beetle kill tree removal (100 acres or 80 homes)	100	\$190,000.0	Agency
Mat-Su/Southwest	Mat-Su Borough	CY2022 Stewardship WUI Homeowner	Homeowner defensible space beetle kill tree removal (100 acres or 80 homes)	100	\$190,000.0	Agency
Matsu/Southwest	MSB	MSB fuels reduction	Fuels reduction work on Borough lands impacted by spruce beetle including Alcantra, Cravasse Moraine Trail system, Talkeetna Lakes Park		\$300,000.0	contractor/Agency
Fairbanks/Delta	Delta	Delta River West (DRW) Phase 1b	Located west side of the Delta River. Will result in a 13-mile, 750-acre fuels break from Donnelley Training Area protecting the community of Whitestone.	338	\$266,000.0	Contractor
Fairbanks/Delta	Delta	(DRW) Phase 2	Fuels break between the community of Whitestone and the Little Delta river protecting South Back, Richardson Clearwater and Whitestone.	1097	\$820,000.0	Contractor
Fairbanks/Delta	Delta	(DRW) Phase 3	60 Acre shaded fuel break on southside of Richardson Clearwater and South Banks.	60	\$360,000.0	Contractor
Fairbanks/Delta	Fairbanks	Healy Spur Fuel Break	1-mile fuel break using heavy equipment with masticating head. Design is to protect the community of Healy. Treatment unit is Denali Borough managed lands.		\$17,500.0	Contractor

Fairbanks/Delta	Delta	Quartz Lake	30-acre shaded fuel break located adjacent to private residential property on Quartz Lake.	30	\$180,000.0	Agency
Tok/Copper River	Tok	Tok Southside Fuel Break	300-foot, 43-acre shaded fuels break to protect Tok School and seven primary residences.	43	\$215,000.0	Contractor
Tok/Copper River	Tok	Tok Firewise	Provide firewise assistance to residences in the communities of Tok, Northway, Mentasta, Tetlin, Tanacross, Dry Creek, Dot Lake and Chicken.		\$976,000.0	Agency
Tok/Copper River	Copper River	Glennallen Fuel Break	Extension of existing 200-foot-wide, 360-acre shear bladed and shaded fuel break around the community of Glennallen.	360	\$500,000.0	Contractor/Agency
Tok/Copper River	Copper River	Glennallen Fuel Break	Extension of existing 200-foot-wide, 360-acre shear bladed and shaded fuel break around the community of Glennallen.	360	\$500,000.0	Contractor

**\$9,594,500.0**

**Statewide Park Sanitation and Facility Upgrades****FY2022 Request: \$2,029,000****Reference No: 43321****AP/AL:** Appropriation**Project Type:** Health and Safety**Category:** Natural Resources**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Cheri Lowenstein**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2422**Brief Summary and Statement of Need:**

Funds will be used to address improvements and emergency repairs critical to the Division of Parks, Forestry, and Agriculture. It is essential to keep the parks open for business and be in a safe condition for the general public. Every season, major maintenance items occur without warning. Water systems leak, roads are damaged, upgrade/repairs are necessary to latrines, and other planned and unplanned events. Funding will allow each division to address outstanding items of concern and the flexibility to respond to an emergency repair.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$2,029,000						\$2,029,000
<b>Total:</b>	<b>\$2,029,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,029,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:****Project Description/Justification:**

Priorities and cost estimates shown below may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

<b>Dept Priority</b>	<b>Allocation</b>	<b>Project Title</b>	<b>Project Description</b>	<b>Project Cost</b>	<b>Running Total</b>	<b>Location (City)</b>	<b>House District</b>
1	Statewide Forestry Facilities Deferred Maintenance	Update Fairbanks Delta Dispatch	Fairbanks/Delta Dispatch consolidation Phase 1: Update State Logistics Center (SLC) area in the Fairbanks DNR building to provide a dispatch facility that will support wildfire operations, both initial attack (IA) and logistical support for the Northern Region. The consolidation effort is part of five-year strategic plan to increase efficiencies and reduce costs. The current dispatch facility is inadequate support the consolidation model. The project will include	\$80.0	<b>\$80.0</b>	Delta	6

# Statewide Park Sanitation and Facility Upgrades

FY2022 Request:

\$2,029,000

Reference No:

43321

			<p>the following.</p> <p>A) Build a privacy wall and improve access points to the IA section of the consolidated dispatch center. This will limit non-critical foot traffic through the dispatching area providing for a sterile environment during of periods of high fire activity.</p> <p>B) Relocate 3 IA dispatch radio consoles to the new location which will consolidate IA and support dispatching. The consolidation effort will provide improved dispatch coverage as well as reducing the need for importing outside dispatch assistance which will reduce operating costs. The consolidated model will result in improved communication between dispatch functions, staffing efficiencies, cost savings and enhanced public and firefighter safety.</p>				
2	Agriculture Plant Materials Center (PMC)	Administration Building Septic Replacement	<p>A remodel was completed on this building in late 2007. For cost saving, the wastewater on the northeast portion of the building was tied into an already existing septic system. This 30-year-old septic is now failing and needs a replacement to continue the use of one half of the facilities restrooms.</p>	\$14.0	<b>\$94.0</b>	Palmer	11F
3	Parks & Outdoor Recreation - Multiple Park Areas	Alaska State Parks Statewide Wastewater Systems Repair	<p>Statewide wastewater systems repair. Wastewater systems at various park units have outlived their useful life resulting in failing septic fields. The septic systems at Potter Section House (Chugach Area HQ), Morgans' Landing (Kenai Area HQ), and Fort Abercrombie State Historical Park (Kodiak Area HQ) are all beyond their design lives and are failing. This project will reconstruct those three septic systems. The schedule for this project consists of design work in 2020/2021 and construction in 2021/2022. If unfunded, the septic systems will fail resulting in greatly reduced sanitary conditions at those sites and will impact employees' and visitors' health and safety.</p>	\$145.0	<b>\$239.0</b>	Multiple	Multiple
4	Parks & Outdoor Recreation - Multiple Park Areas	Alaska State Parks Statewide Water Systems Repair	<p>Statewide water system repairs. Two water systems at major public access points, Glen Alps Trailhead (Anchorage) and Buskin River State Recreation Site (Kodiak) water systems have failed and need to be replaced. The water system at the Glen Alps Contact Station has frozen over in the winter numerous times despite installation of heat tracing. The waterline runs through a heavily used paved parking lot and attempting to locate the leak and repair it would be disruptive to the public and would be extremely costly. After all that, the possibility of freezing and leaking again in the future will still exist. This project will develop a new well and run a new waterline that will be frost protected closer to the contact station. Develop new well for caretaker cabin water system at Glen Alps.</p> <p>The water system at Buskin River State Recreation Site is old and most of the pipework is rusted through creating leaks in the system at numerous locations. This project will rebuild the existing system with new plastic piping that is rust-resistant.</p>	\$150.0	<b>\$389.0</b>	Multiple	Multiple

**Statewide Park Sanitation and Facility Upgrades**
**FY2022 Request:**
**\$2,029,000**
**Reference No:**
**43321**

			If this project is not funded, the two major public access facilities will continue to operate with little or no potable water adversely affecting the division's performance in carrying out its mission and objectives.				
5	Parks & Outdoor Recreation - Chugach/W T Area	McHugh Creek Picnic Area/Trailhead	Replace 3 toilets pairs with 2 double concrete vaulted toilets. The vaulted toilets at the McHugh Creek facility are vintage units designed and constructed in the 1990s and have approached their intended useful life. The three vaulted toilets were identified in a 2001 source water assessment report by ADEC as "Zone A" sources of contamination, contributing greatly to a Medium vulnerability rating for the facility's water well. This project will replace the three vintage toilets with two double concrete vaulted toilets (currently the division standard) which offer more reliable wastewater containment and reducing the likelihood of leaking vaults. Additionally, the concrete toilets are more robust and will greatly reduce overall maintenance burdens. If this project is not funded, the three vaulted toilets will continue to deteriorate and increase risk of water well contamination and maintenance burdens.	\$160.0	<b>\$549.0</b>	Chugach/W T	28
6	Parks & Outdoor Recreation Southeast Area	Halibut Point State Recreation Site	Replace one double vaulted toilet and two pit latrines with one double concrete vaulted toilet and two single concrete vaulted toilet. Three dilapidated toilet structures are in extremely poor shape and must be replaced to help maintain sanitary condition at this facility. This project will replace the existing toilet structures with concrete vaulted toilets, which are current division standards. If this project is not funded, the dilapidated toilets will remain and continue to pose as potential health risks to facility users and source of contamination to the surrounding environment.	\$180.0	<b>\$729.0</b>		35
7	Statewide Forestry Facilities Deferred Maintenance	Wildland Fire Tanker Retardant Base Code Compliance Analysis	Wildland Fire Tanker Retardant Base Code Compliance Analysis: Tanker bases in McGrath, Tanacross, Kenai and Palmer are at risk for failure resulting environmental cleanup. They require life safety code compliance analysis to identify the risks. Tanker bases in McGrath and Tanacross have significant infrastructure issues requiring engineering analysis for solutions. Repairs cannot be identified without professional design effort due to specialization of systems.	\$50.0	<b>\$779.0</b>	Statewide	40
8	Statewide Forestry Facilities Deferred Maintenance	Cover Outdoor Storage-Warehouse	Project provides rain/snow protection & secure existing open-air storage on the main warehouse building	\$25.0	<b>\$804.0</b>	Palmer	11
9	Parks & Outdoor Recreation - Northern Area	Big Delta State Historical Park Restaurant Repairs	The restaurant building at Big Delta State Historical Park is in need of major repairs in the kitchen and bathroom. Mechanical systems (hot water heaters, furnace, etc.) are failing. Architectural elements consist of patchwork and have resulted in hazards to its' occupants. The roof and foundation have	\$500.0	<b>\$1,304.0</b>	Northern	9

# Statewide Park Sanitation and Facility Upgrades

FY2022 Request:

\$2,029,000

Reference No:

43321

			failed in several locations. The restaurant component of the park is big draw for concessionaires and the ability to attract park users and visitors. This project will repair the roof and foundation; replace the mechanical systems that are failing and/or do not meet code; repair floor, walls, and the ceiling in conformance with building codes and standards. The anticipated timeline consists of design work in 2020/2021 and construction in 2022/2023. If unfunded, the kitchen and bathroom will continue to deteriorate, and the poor working conditions will remain.				
10	Agriculture Plant Materials Center (PMC)	Facility HVAC Maintenance and Repair	Aging heating, ventilation, and air conditioning (HVAC) systems are in constant need of repair and upgrades. A one-time facility wide maintenance and repair is needed for all HVAC systems. Three of the unit HVAC systems currently operate on R12 refrigerant which is costly a repair. These units need to be replaced to reduce the maintenance frequency and costs. This DM would be complete in the winter of 2020.	\$55.0	\$1,359.0	Palmer	11F
11	Statewide Forestry Facilities Deferred Maintenance	Repair Tok Well House Mechanical Room in Operations Building	Tok Well House is poorly insulated and constructed and possible risks could include damage to equipment.	\$75.0	\$1,434.0	Tok	39
12	Statewide Forestry Facilities Deferred Maintenance	Palmer Hanger Repairs	Design broken down into the following: 1. Building Envelope upgrade/repair 2. Mechanical Upgrades 3. Arctic Entryway addition 4. Replace Stairs to mezzanine 5. Add lighting	\$275.0	\$1,709.0	Palmer	8
13	Agriculture Plant Materials Center (PMC)	Headhouse Renovation	A previous DM request to reglaze existing greenhouses was completed in 2019. Two of those greenhouses connect via a headhouse. With the new glazing renovation of the headhouse, it will continue to improve the energy efficiency of their operations. This request will repair and replace gable ends, attic insulation, lighting conversion to LED and upgrade of the 30-year-old electric heating system to a high efficiency natural gas unit. Project would be completed by mid-2021.	\$45.0	\$1,754.0	Palmer	11F
14	Parks & Outdoor Recreation <input type="checkbox"/> Mat-Su Area	Denali SP <input type="checkbox"/> Byers Lake Campground	Repair Byers Lake Loop Trail outlet bridge. The Byers Lake Loop Trail is a 5.3-mile trail running along the perimeter of Byers Lake connecting public use cabins, remote campsites, and access to the Cascade Trail and Kesugi Ridge. The trail consists of a bridge at the inlet side of the lake and an outlet bridge at the opposite side. The bridges were constructed in the 1960s and 1980s, respectively. The inlet bridge failed in 2016 and was replaced in 2018. The outlet bridge failed and was closed off to the public in 2020. This project will repair the bridge back to serviceable condition and restore connectivity along the Byers Lake trail system. If the project is not funded, access to public use cabins, remote campsites, and	\$75.0	\$1,829.0	Mat-Su	10

# Statewide Park Sanitation and Facility Upgrades

FY2022 Request:

\$2,029,000

Reference No:

43321

			other parts of the trail network will continue to be impaired.				
15	Agriculture Plant Materials Center (PMC)	Bungalow Building Repairs	This semi-permanent building was the home to office space and storage for labor, trades, and crafts positions. Years of deterioration to the flooring, insulation, and heating system has rendered the building unusable due to safety concerns and inefficiencies in heating and cooling. We need to remove existing piles and replace with slab on grade foundation with total replacement to in-floor insulation and total replacement of the heating system to an in-wall forced air system. These repairs will bring the building back to its operating capacity and provide labor staff access to computers and essential storage of duty related belongings, personal protective equipment (PPE) supplies and literature. The timeline for this project would be to complete renovations in summer of 2021.	\$75.0	\$1,904.0	Palmer	11F
16	Parks & Outdoor Recreation <input type="checkbox"/> Kodiak Area	Fort Abercrombie State Historical Park	Replace rotten, sagging deck on resident apartment.	\$25.0	\$1,929.0	Kodiak	32
17	Parks & Outdoor Recreation <input type="checkbox"/> Southeast Area	Halibut Point State Recreation Site	Repair interior and exterior of caretaker house and replace/relocate sewer lift station.	\$50.0	\$1,979.0	Southeast	35
18	Parks & Outdoor Recreation <input type="checkbox"/> Mat-Su Area	Independence Mine State Historical Park	Harden entries and windows to SHPO standards.	\$50.0	\$2,029.0	Mat-Su	9



**Wildland Fire Engine Replacement**

**FY2022 Request:** \$250,000  
**Reference No:** 33955

**AP/AL:** Appropriation  
**Category:** Natural Resources  
**Location:** Statewide  
**Impact House District:** Statewide (HD 1-40)  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026

**Project Type:** Renewal and Replacement  
**House District:** Statewide (HD 1-40)  
**Contact:** Cheri Lowenstein  
**Contact Phone:** (907)465-2422

**Brief Summary and Statement of Need:**

The Division of Forestry (DOF) is requesting funds for a scheduled fire engine replacement. DOF has Department of Transportation State Equipment Fleet vehicle credits totaling \$1,278.0 to offset the cost of a new fire engine. The initial replacement bids, including freight, will be approximately \$1,488.0. DOF anticipates needing up to \$250.0 in additional funds to complete the acquisition.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$250,000						\$250,000
<b>Total:</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>

☐ State Match Required   
 ☒ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☐ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

This replacement is standard for Type 6 and Type 8 engines. With the costs increasing significantly since the last purchase, replacement credits are not sufficient to cover the full replacement cost. The additional \$250.0 will reduce the states' long-term operating costs through vehicle warranty and reduced maintenance costs.

**Wildland Firefighting Aircraft Replacement****FY2022 Request: \$500,000**  
**Reference No: 54937****AP/AL:** Appropriation**Project Type:** Renewal and Replacement**Category:** Natural Resources**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Cheri Lowenstein**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2422**Brief Summary and Statement of Need:**

The Division of Forestry (DOF) currently owns four fixed wing aircraft with the primary purpose of conducting wildland fire specific missions. This includes a Lead Plane function which directs the activities of the airtankers both verbally and by physically leading the airtankers on the low-level drop runs. DOF owned aircraft also are used as an air attack platform which supervises the process of attacking the wildfire, including fixed wing airtankers, helicopters, and any other aviation resources assigned to the fire. State aircrafts are additionally used for detection, reconnaissance, and fire mapping missions to collect information and prioritize fire response. DOF is requesting funds to replace the N909AK.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$500,000						\$500,000
<b>Total:</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:****Project Description/Justification:**

Aviation resources, both fixed and rotor wing make up an essential element of the Division's mission and statutory requirement to provide wildland fire management and suppression for the protection of Alaskans' life, health and safety, infrastructure, and resource values. State owned and maintained fixed wing aircraft are an integral part of the aviation fleet and combined with contracted aircraft, comprise the backbone of the Division of Forestry's (DOF) aviation firefighting capabilities. DOF airtankers and helicopters are procured through exclusive use contracts in which aircraft, pilots and mechanics are secured for the entirety of a 90-day contract. DOF also uses call when needed (CWN) aircraft which provides a service for a short-term contract although at a higher rate. CWN are available at the discretion of the leasing company and often in short supply as we compete with other industries for use.

The Division currently owns four fixed wing aircraft with the primary purpose of conducting wildland

fire specific missions. Wildland fire specific missions include Lead Plane function which directs the activities of the airtankers by both verbal target descriptions and by physically leading the airtankers on the low level drop runs. DOF owned aircraft also are used as an air attack platform which supervises the process of attacking the wildfire from the air, including fixed wing airtankers, helicopters, and any other aviation resources assigned to the fire. State aircraft are additionally used for detection, reconnaissance, and fire mapping missions to collect information and prioritize fire response. Fire missions all require specialized pilot training and carding, specific to the wildland fire industry. The DOF aircraft also provide logistical mission support including the movement of both firefighters and freight to quickly mobilize resources to emerging incidents as well as support of our robust training program which facilitates remote pre-season fire crew training to village crews cross the state. This mission is amplified in the roadless Southwest area from McGrath to Aniak to the Iliamna area. With our base in McGrath, the whole area is totally dependent on air support. This includes smoke jumpers, Helitack, Para cargo, cargo, and general logistical support.

The State of Alaska owned aircraft DOF operates, fly between 500 and 800 hours a year, depending on fire activity. Until the 2020 misfueling accident, the Divisions aviation program has been accident free for the past nineteen years. That is a huge accomplishment, given the Alaskan flying environment and fire mission we are tasked with. In May of 2020, the Division of Forestry's Shrike Commander was involved in an incident that caused an emergency off runway landing into a shallow pond. The result was a complete loss of the aircraft and injuries to the pilot and firefighters that were being transported. The Office of Risk Management deemed that aircraft unsalvageable and has provided the Division with replacement costs based on fair market value.

DOF has developed a replacement plan with alternatives for the unsalvageable aircraft. Funds available for replacement include \$300K through Risk Management as well as a \$147K CIP that was scheduled for an engine replacement this spring but has been modified to use for the aircraft replacement. Currently, DOF has \$447K available for a replacement aircraft.

The desired aircraft requirements are to meet the mission profile of both tactical and logistical use. This includes an air attack platform and lead plane duties for extended attack fires and augment the turbine Commanders for initial attack use during periods of high fire activity. The aircraft should have the air speed and fuel capabilities to perform detection flights over large geographic areas which results in meeting the performance measure of suppressing our critical and full management fires at 10 acres or less. The requirement for logistics and cargo missions includes the support of remote bases and fires near villages and isolated communities. The ideal aircraft could move small teams of firefighters to forward operating bases on short notice and move firefighting supplies needed during initial attack to airstrips both paved and gravel. The aircraft would have to be instrument capable (IFR) and ideally turbine powered providing for fuel compatibility with the State's other aircraft and greater availability in remote locations at lower fuel cost per gallon. The following aircraft and alternative methods of mission readiness were evaluated and included in the review.

#### Cessna Caravan-

Caravans are IFR capable, have nine passenger seats, carry approximately 2500 lbs, of cargo. Caravans have been in production for 35+ years and are still in production. These are turbine powered and like our turbine Commanders, use JET A fuel, thus giving us compatibility of fuel, greater availability of fuel in remote locations and lower fuel cost per gallon. It has the speed to substitute for our lead planes and is designed for remote unimproved airstrips (gravel). DOF uses

**Wildland Firefighting Aircraft Replacement****FY2022 Request:****\$500,000****Reference No:****54937**

these aircraft extensively every year and has experience with this aircraft. Our State pilots also have extensive training and experience with this aircraft. We could arguably save hundreds of thousands of suppression dollars by acquiring and operating an aircraft of this type. Historically, from 2015-2020, the Division has spent on average, \$350.2K per year just on "Call When Needed" Caravan flight and standby time. That is over \$2.1M for that time alone. Buying a used Caravan 208 in the model year range of 1995/2005 w/ 3000-6000 hours TTAF (total time airframe) would cost approximately \$900K-\$1.1M. This would be our optimal replacement aircraft and provide the greatest value to the State.

**Exclusive Use Contract Option-**

To ensure a full 360 look at our options we included not replacing the Shrike Commander and use an exclusive use contract similar to our helicopter and air tankers. Depending on the mission priority, there are two options. First being a Turbine Commander, similar to the Divisions' current two Commanders. This aircraft would be mission orientated as an Air Attack-Lead Plane with marginal passenger and logistics capability. A 90 day Exclusive Use Contract would cost approximately \$671K, to include daily availability and flight hour cost for 250 hours.

A second aircraft option would be a utility single engine turbine, capable of air attack, cargo and personnel transport. This aircraft, a Cessna Caravan, could not function the same as a Division owned Caravan as the pilot would not be trained or certificated as a Lead Plane pilot. A 90 day exclusive use contract would cost approximately \$528K, to include daily availability and flight hour cost for 250 hours.

The following analysis leads us to recommend purchasing the Shrike Commander.

<b>Aircraft</b>	<b>Initial acquisition cost</b>	<b>Hourly maintenance cost (based on 250 annual flight hours)</b>	<b>Fuel costs / 250 flight hours</b>	<b>Cost per passenger seat mile</b>
Shrike Commander	\$640K	\$416 per hour	\$52.5K	\$208
Cessna Caravan 208	\$1.1M	\$498 per hour	\$33.7K	\$70
Pilatus PC-12	\$2.3M	\$565 per hour	\$42.5K	\$86
TBM 700	\$1.0M	\$642 per hour	\$40K	\$203
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Exclusive Use Contract	\$528K Yr	5 year cost - \$ 2.64M	10 year cost-\$5.28 M	

	<b><i>COST-- Purchase vs Contract</i></b>				
	Cessna Caravan 208				
		<b>5yr cost</b>		<b>10yr cost</b>	
<b>Purchase</b>	\$600K (CIP)	\$791K+600K= <b>\$1.39M</b>		\$1.58M+600K= <b>\$2.18M</b>	
<b>Exclusive Use Contract-90 day</b>		<b>\$2.64M</b>		<b>\$5.28M</b>	

**Alaska Wildlife Troopers Marine Enforcement Repair and Replacement** **FY2022 Request: \$2,400,000**  
**Reference No: 63160**

**AP/AL:** Appropriation **Project Type:** Life / Health / Safety  
**Category:** Public Protection  
**Location:** Statewide **House District:** Statewide (HD 1-40)  
**Impact House District:** Statewide (HD 1-40) **Contact:** Elizabeth Dunayski  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2169

### Brief Summary and Statement of Need:

Maintenance is critical for the following vessels:

P/V Stimson Shipyard: \$1,500,000 UGF

P/V Cama'i Haulout: \$400,000 UGF

Medium/Small Class Upgrades: \$500,000 UGF

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$2,400,000						\$2,400,000
<b>Total:</b>	<b>\$2,400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,400,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☐ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

### Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

### Prior Funding History / Additional Information:

These vessels are critical in protecting life, health, and provide public safety in the State of Alaska.

### Project Description/Justification:

The P/V Stimson shipyard is required to conduct depot-level maintenance. The Stimson will require a complete scaling superstructure (pilothouse), with primer and paint throughout. Currently the vessel has twin inboard diesel engines that need to be rebuilt on a 10,000-hour schedule and have been rebuilt twice already. With the age of the engines, another rebuild is necessary to protect them from a catastrophic failure. If the engines were to fail the cost to replace would be nearly \$3 million, including cost of the engines, transit to ship yard, cost to install with removing a portion of the hull, replacing the hull plating, and installation. \$1,500,000.

The P/V Cama'i requires a haulout to conduct depot-level maintenance, to include detailed inspection of the hull and all power systems. This vessel is currently at half-life and is in good condition. Legacy data suggests a total cost of nearly \$400,000 in required maintenance, replacement parts and upgrades are needed. The P/V Cama'i is currently one year overdue for major haulout and will be 2 years overdue if funds are not secured for FY2021. Necessary procedures include replacing corrosion inhibitors, replacing the bottom paint, inspecting the propulsion shafts, and conducting below-the-waterline maintenance. If preventative maintenance is not done, the vessel should cease

**Alaska Wildlife Troopers Marine Enforcement Repair and Replacement**

**FY2022 Request: \$2,400,000**  
**Reference No: 63160**

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operations as it will be unsafe and cost prohibitive to operate.

Medium/Small Class Patrol Vessel Upgrades: necessary maintenance includes replacement of corrosion inhibitors, bottom paint, and outboard engines as well as below-the-waterline maintenance. If preventative maintenance is not done, affected vessels should cease operations as they will be unsafe and cost prohibitive to operate. There are two vessels that are at the end of serviceable life and maintenance is imperative. \$500,000.

These vessels are critical in protecting life, health, and provide public safety in the State of Alaska. To prevent assets from possible failure, maintenance funds must be allocated so that required preventative maintenance can be scheduled and completed.

**Boating Upgrades, Haul Outs, and Vessel Replacement****FY2022 Request: \$1,000,000****Reference No: 63164****AP/AL:** Appropriation**Project Type:** Life / Health / Safety**Category:** Public Protection**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Elizabeth Dunayski**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2169**Brief Summary and Statement of Need:**

This project replaces two medium class vessels that were decommissioned in 2019 due to not being seaworthy and were deemed unsafe. The large/medium class vessels are critical in protecting life, health, and safety in Alaska.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$1,000,000						\$1,000,000
<b>Total:</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**



**Airport Way (West) Improvements****FY2022 Request: \$18,000,000****Reference No: 63303****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Chena Ridge**House District:** Chena Ridge/Airport (HD 5)**Impact House District:** Chena Ridge/Airport (HD 5)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

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.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$16,200,000						\$16,200,000
1008 G/O Bonds	\$1,800,000						\$1,800,000
<b>Total:</b>	<b>\$18,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,000,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 15685

**Anton Anderson Memorial (Whittier) Tunnel****FY2022 Request: \$10,000,000****Reference No: 63300****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Anchorage (South Anchorage)**House District:** South Anchorage (HD 28)**Impact House District:** South Anchorage (HD 28)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Project consists of improvement to the driving surface and rail bed as well as replacement of toll facility and other equipment.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$9,000,000						\$9,000,000
1008 G/O Bonds	\$1,000,000						\$1,000,000
<b>Total:</b>	<b>\$10,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 31496

**Bethel Airport****FY2022 Request: \$4,247,000****Reference No: 63287****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Bethel**House District:** Lower Kuskokwim (HD 38)**Impact House District:** Lower Kuskokwim (HD 38)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construction and improvements to runways, lighting, and facilities at Bethel Airport.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$4,247,000						\$4,247,000
<b>Total:</b>	<b>\$4,247,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,247,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
☒ Ongoing  
 0% = Minimum State Match % Required   
☐ Amendment   
☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Cordova Airport****FY2022 Request: \$3,617,000****Reference No: 63288**

**AP/AL:** Appropriation  
**Category:** Transportation  
**Location:** Cordova

**Project Type:** Construction**House District:** Kodiak/Cordova/Seldovia (HD 32)**Impact House District:** Kodiak/Cordova/Seldovia (HD 32)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construction and improvements to runways, lighting, and facilities at Cordova Airport.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$3,617,000						\$3,617,000
<b>Total:</b>	<b>\$3,617,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,617,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
☒ Ongoing  
 0% = Minimum State Match % Required   
☐ Amendment   
☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Craig Harbor****FY2022 Request: \$8,300,000****Reference No: 63333****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Craig**House District:** Sitka/Petersburg (HD 35)**Impact House District:** Sitka/Petersburg (HD 35)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

The Craig Harbor project consists of construction of a harbor fronting the old cannery property downtown. The project will be developed in two phases: construction of rock breakwaters, followed later by construction of the mooring/float system. The city purchased the cannery property in 2007 for the purpose of developing a new harbor and support facilities (working with the U.S. Army Corps of Engineers). The tidelands at the site are large enough to host a sizable float system, and the uplands can meet demands for parking and access needed for the harbor.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$8,300,000						\$8,300,000
<b>Total:</b>	<b>\$8,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,300,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

The site is the best location available where the city owns both uplands and adjacent tidelands at a single location that is also suitable to operate a harbor. Craig staff estimates the ten-acre moorage basin created by the breakwaters will create space for between 125-145 vessels. A portion of the cannery property uplands will be used to provide access to the moorage floats, parking for harbor users, installation of water and wastewater utilities to serve the harbor, and other harbor support features.

**Dalton Highway Repairs and Upgrades****FY2022 Request: \$288,300,000****Reference No: 63277****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Dalton Highway**House District:** Arctic (HD 40)**Impact House District:** Arctic (HD 40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Projects include:

Dalton Highway Mile Point 0-10 (Milepost 0-9) Reconstruction (Livengood to 9 Mile Hill),

Dalton Hwy MP 18-26 (Milepost 18-25) Reconstruction and Bridge Replacement,

Dalton Hwy MP 17-38 (Milepost 18-37) Reconstruction (Hess Creek Area),

Dalton Hwy MP 109-121 (Milepost 109-120) Reconstruction,

Dalton Hwy MP 109-145 (Milepost 109-144) Reconstruction (Old Man Camp to Jim River Bridge #3),

Dalton Hwy MP 120-136 (Milepost 120-135) Reconstruction (Pung Creek to Prospect Creek),

Dalton Hwy MP 290-307 (Milepost 289-305) Rehabilitation (Kuparuk to Sag Camp),

Dalton Hwy MP 306-337 (Milepost 305-335) Upgrades (Sag Camp to Happy Valley).

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$259,470,000						\$259,470,000
1008 G/O Bonds	\$28,830,000						\$28,830,000
<b>Total:</b>	<b>\$288,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$288,300,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need IDs 22453, 30285, 22446, 30276, 22452, 30270, 22480, and 22475

**Deadhorse Airport****FY2022 Request: \$2,952,000****Reference No: 63289****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Deadhorse**House District:** Unidentified House District**Impact House District:** Unidentified House District**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construction and improvements to runways, lighting, and facilities at Deadhorse Airport.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O	\$2,952,000						\$2,952,000
Bonds							
<b>Total:</b>	<b>\$2,952,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,952,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Denali Highway Mile Point 24-25 (Milepost 22) Rock Creek Bridge Replacement**      **FY2022 Request: \$5,400,000**  
**Reference No: 63308**

**AP/AL:** Appropriation      **Project Type:** Construction  
**Category:** Transportation  
**Location:** Richardson Highway      **House District:** Richardson Hwy/East Mat-Su (HD 9)  
**Impact House District:** Richardson Hwy/East Mat-Su (HD 9)      **Contact:** Dom Pannone  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026      **Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

Replace Rock Creek Bridge #0684 on the Denali Highway.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$4,860,000						\$4,860,000
1008 G/O Bonds	\$540,000						\$540,000
<b>Total:</b>	<b>\$5,400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,400,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 27524



**Fairbanks Airport****FY2022 Request: \$1,880,000****Reference No: 63290****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Fairbanks Areawide**House District:** Fairbanks Areawide (HD 1-5)**Impact House District:** Fairbanks Areawide (HD 1-5)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construction and improvements to runways, lighting, and facilities at Fairbanks Airport.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$1,880,000						\$1,880,000
<b>Total:</b>	<b>\$1,880,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,880,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Glenn Highway: Parks Highway to South Inner Springer Loop (Cienna Avenue)**

**FY2022 Request: \$44,000,000**  
**Reference No: 63298**

**AP/AL:** Appropriation

**Project Type:** Construction

**Category:** Transportation

**Location:** Palmer (Greater Palmer)

**House District:** Matsu Areawide (HD 7-12)

**Impact House District:** Matsu Areawide (HD 7-12)

**Contact:** Dom Pannone

**Estimated Project Dates:** 07/01/2021 - 06/30/2026

**Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

Reconstruct highway to four lanes, pathway and shoulders. Accommodate turning movements, add frontage roads, traffic, safety, and intersection improvements, as necessary and feasible.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$39,600,000						\$39,600,000
1008 G/O Bonds	\$4,400,000						\$4,400,000
<b>Total:</b>	<b>\$44,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$44,000,000</b>

☐ State Match Required   ☐ One-Time Project   ☐ Phased - new   ☐ Phased - underway   ☒ Ongoing  
0% = Minimum State Match % Required   ☐ Amendment   ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 31330

**Homer Airport****FY2022 Request: \$4,991,000****Reference No: 63291****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Homer**House District:** Homer/South Kenai (HD 31)**Impact House District:** Homer/South Kenai (HD 31)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construction and improvements to runways, lighting, and facilities at Homer Airport..

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$4,991,000						\$4,991,000
<b>Total:</b>	<b>\$4,991,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,991,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Hyder Float Breakwater Replacement****FY2022 Request: \$1,000,000****Reference No: 63284**

**AP/AL:** Appropriation  
**Category:** Transportation  
**Location:** Hyder

**Project Type:** Construction

**House District:**  
 Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

**Contact:** Dom Pannone

**Impact House District:**  
 Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

Projects include:

Hyder inner float & seaplane base - dredge harbor and area around the seaplane float (\$500.0),  
 Construct a new rubble mound breakwater extension to replace the failing timber log floating  
 breakwater (\$500.0).

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$1,000,000						\$1,000,000
<b>Total:</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>

☐ State Match Required  
 ☐ One-Time Project  
 ☐ Phased - new  
 ☐ Phased - underway  
 ☒ Ongoing  
 0% = Minimum State Match % Required  
 ☐ Amendment  
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Kenai Spur Road Improvements****FY2022 Request: \$31,000,000****Reference No: 63297****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Kenai Peninsula Borough  
(Kenai/Soldotna)**House District:** Kenai/Soldotna (HD 30)**Impact House District:** Kenai/Soldotna (HD 30)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

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.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$27,900,000						\$27,900,000
1008 G/O Bonds	\$3,100,000						\$3,100,000
<b>Total:</b>	<b>\$31,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$31,000,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
☒ Ongoing  
 0% = Minimum State Match % Required   
☐ Amendment   
☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 30549

**Ketchikan South Tongass Highway****FY2022 Request: \$55,500,000****Reference No: 63280****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Ketchikan Gateway Borough**House District:**

Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

**Impact House District:**

Ketchikan/Wrangell/Metlakatla/Hydaburg (HD 36)

**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Projects include:

Ketchikan - South Tongass Highway Improvements Deermount to Saxman.

Ketchikan - South Tongass Highway Improvements Saxman to Surf St.

Ketchikan - South Tongass Highway - Tongass Ave. Improvements

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1002 Fed Rcpts	\$49,950,000						\$49,950,000
1008 G/O Bonds	\$5,550,000						\$5,550,000
<b>Total:</b>	<b>\$55,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$55,500,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need IDs 21114, 23455, and 27766

**Klawock Airport****FY2022 Request: \$3,091,000****Reference No: 63292****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Klawock**House District:** Sitka/Petersburg (HD 35)**Impact House District:** Sitka/Petersburg (HD 35)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construction and improvements to runways, lighting, and facilities at Klawock Airport.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$3,091,000						\$3,091,000
<b>Total:</b>	<b>\$3,091,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,091,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Kodiak Chiniak Highway****FY2022 Request: \$23,600,000****Reference No: 63281****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Kodiak Island Borough**House District:** Kodiak/Cordova/Seldovia (HD 32)**Impact House District:** Kodiak/Cordova/Seldovia (HD 32)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Projects include:

Kodiak - Chiniak Highway Rehabilitate Stage 1,

Kodiak - Rezanof Drive Resurface: Airport to Chiniak Highway,

Kodiak - Chiniak Hwy Rehabilitate: Mile Point 5 to 21 (Milepost 15 to 31).

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$21,240,000						\$21,240,000
1008 G/O Bonds	\$2,360,000						\$2,360,000
<b>Total:</b>	<b>\$23,600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,600,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need IDs 32639, 29876, and 29877



**Kotzebue Airport****FY2022 Request: \$1,766,000****Reference No: 63293****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Kotzebue**House District:** Arctic (HD 40)**Impact House District:** Arctic (HD 40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construction and improvements to runways, lighting, and facilities at Kotzebue Airport.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O	\$1,766,000						\$1,766,000
Bonds							
<b>Total:</b>	<b>\$1,766,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,766,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
☒ Ongoing  
 0% = Minimum State Match % Required   
☐ Amendment   
☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Kotzebue Cape Blossom Road****FY2022 Request: \$34,000,000****Reference No: 63304****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Northwest Arctic Borough**House District:** Arctic (HD 40)**Impact House District:** Arctic (HD 40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construct a new road from Kotzebue to a port site near Cape Blossom.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$30,600,000						\$30,600,000
1008 G/O Bonds	\$3,400,000						\$3,400,000
<b>Total:</b>	<b>\$34,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$34,000,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 18634

**Municipal Harbor Facility Grant Fund****FY2022 Request: \$14,049,988****Reference No: 49780****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Southeast Alaska**House District:** Southeast Region (HD 33-36)**Impact House District:** Southeast Region (HD 33-36)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

The 50/50 harbor grant program maximizes local government, promotes state jobs and provides economic assistance for needed maintenance/repair, expansion and replacement. The program continues to show strong local interest. Five municipalities from across the state submitted applications requesting a total of \$14.1M in matching state funds for FY2022. If fully funded, the state and the department can enable over \$28 million in local construction ready harbor projects to be built. These harbor projects are locally managed and therefore require minimal department staff resources. Location of these harbors are Cordova, Seward, Sand Point, Sitka, and Juneau.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$14,049,988						\$14,049,988
<b>Total:</b>	<b>\$14,049,988</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,049,988</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
☒ Ongoing  
 0% = Minimum State Match % Required   
☐ Amendment   
☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Sec1 Ch19 SLA2018 P10 L18 SB142 \$3,031,105  
 Sec1 Ch1 SLA2017 P8 L18 SB23 \$5,000,000  
 Sec27(a) Ch2 SLA2016 P43 L11 SB138 \$207,500  
 Sec27(b) Ch2 SLA2016 P43 L16 SB138 \$4,400,000  
 Sec1 Ch38 SLA2015 P7 L14 SB26 \$4,497,000  
 Sec35(b) Ch18 SLA2014 P116 L24 SB119 \$996,046  
 Sec35(c) Ch18 SLA2014 P117 L22 SB119 \$2,000,000  
 Sec1 Ch18 SLA2014 P64 L13 SB119 \$1,704,000  
 Sec1 Ch17 SLA2012 P135 L20 SB160 \$23,093,100

**Project Description/Justification:**

As directed by the Legislature, the department started in 1986 to transfer state owned harbor facilities, whenever possible, to local municipalities in order to maximize local governance. Since then, 78 harbors have been transferred. AS 29.60.800 created a program to provide state financial and economic assistance to a municipality with one of more harbor facilities by making available a 50/50

**Municipal Harbor Facility Grant Fund****FY2022 Request: \$14,049,988****Reference No: 49780**

matching state grant, and it established a priority preference process for previously stated owned harbors, i.e. Tier I harbors. Tier II harbors are harbors which were locally built and were never owned by the state.

<b>Project Name</b>	<b>Tier</b>	<b>Legislative District</b>	<b>Total Project Cost</b>	<b>Local Match (50%)</b>	<b>State Match (50%)</b>
City of Cordova: South Harbor	I	32	\$10,000,000	\$5,000,000	\$5,000,000
City of Seward: Seward Harbor	II	29	\$3,459,975	\$1,729,988	\$1,729,988
City of Sand Point: Sand Point Harbor	II	37	\$7,120,000	\$3,560,000	\$3,560,000
City & Borough of Sitka: Eliason Harbor	II	35	\$4,233,484	\$2,473,484	\$1,760,000
City & Borough of Juneau: Aurora Harbor	II	33	\$4,000,000	\$2,000,000	\$2,000,000
			<b>\$28,813,459</b>	<b>\$14,763,472</b>	<b>\$14,049,988</b>

AS 29.60.800 continues to see strong support from the municipalities across the state; from Nome to Unalaska to Kodiak to Juneau. To date, the total amount requested from the state in match totals \$199.6 million, which far exceeds the amount of state funds appropriated to date to the harbor grant program. Still the department has been able to award 43 (27 Tier I's and 16 Tier II's) harbor grants to the municipalities. These harbor grants total over \$84.2 million in needed local economic assistance, which results in improved marine facilities for the fishing industry and puts Alaskans to work.

## **FY22 HARBOR GRANTS PROGRAM PROJECT OVERVIEW**

### **1) CORDOVA PORT AND HARBOR**

**Grant Request:** \$5,000,000 **Total Project Cost:** \$10,000,000

**Tier:** I **Rank:** 1 **Score:** 152.6

*Cordova Port and Harbor is a Major Repair/Replacement project and will need to have engineered design and all relevant city/state/federal permits and environmental docs prior to construction. Project scope includes replacing 56,400 SF of dock systems and 3,735 linear feet of water service, electrical systems and fire suppression for mainwalk/headwalk floats, a new seaplane float, and two new 80 ft ADA-compliant gangways. This facility was originally constructed by DOT in 1983, now exceeds useful life by ten years. This port is home to largest fishing fleet in AK. Current rating Poor to Severe.*

### **2) SEWARD HARBOR**

**Grant Request:** \$1,729,988 **Total Project Cost:** \$3,459,976

**Tier:** II **Rank:** 1 **Score:** 122.6

*Seward Harbor is a Major Repair/Replacement project and needs to have engineered design and all relevant city/state/federal permits and environmental docs prior to construction. The last remaining floats (G, K, L) are the original floats when DOT transferred to City of Seward years ago; these floats are 50+ years old and have exceeded their useful life. Project scope includes replacement three docks G/K/L, new piling/anodes, safety features - ladders, fire suppression equip., safety lighting and electrical.*

### **3) SITKA ELIASON HARBOR**

**Grant Request:** \$1,760,000 **Total Project Cost:** \$4,233,484

**Tier:** II **Rank:** 2 **Score:** 121.4

*Sitka Eliason Harbor is a Major Repair/Replacement project and will need to have engineered design and all relevant city/state/federal permits and environmental docs prior to construction. Designed/built by DOT in 1996 and 1999; the harbor electrical system is failing. There is a main feeder failure, lack of ground fault protection, and faulty system has required EMS Response on several occasions, and a small fire on the main float. SAFETY RISK HIGH*

#### **4) JUNEAU: AURORA PH 3**

**Grant Request:** \$2,000,000

**Total Project Cost:** \$4,000,000

**Tier:** II

**Rank:** 3

**Score:** 119.6

*Juneau Aurora Harbor Phase 3 is a Major Repair/Replacement project which needs engineered design and all relevant city/state/federal permits and environmental docs prior to construction. Project is in Third Phase, Rehab/Replace of CBJ harbor infrastructure at Aurora Basin. Scope of work includes replacing a portion of the headwalk float, refurbish existing N/H gangways, modifications to approach dock N, new electrical float, replace mainwalk floats H/J, and replacement of water and electrical systems. Harbor is home to over 500 vessels from 16 to 100 feet. This harbor was built in 1962-64 by DOT, has exceeded useful life and conditions are Poor to Hazardous.*

#### **5) SAND POINT FLOAT A**

**Grant Request:** \$3,560,000 **Total Project Cost:** \$7,120,000

**Tier:** II

**Rank:** 4

**Score:** 116.8

*Sand Point Harbor is an Expansion Project at 100% design, and environmental work is complete. Project scope to expand harbor capacity, provide moorage for 16 additional 80-foot vessels; install new float system/transformer floats, gangways, trestle decks, supporting utilities (water/power/lighting/fire suppression). This project addresses operator safety issues by reducing incidence of vessels being turned away; if boats cannot find safe harbor they must travel back to Seattle. Fishing fleet represents a significant, high value fishery locally with regional/state benefits.*

**Nome Airport****FY2022 Request: \$2,483,000****Reference No: 63294****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Nome**House District:** Bering Straits/Yukon Delta  
(HD 39)**Impact House District:** Bering Straits/Yukon Delta  
(HD 39)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construction and improvements to runways, lighting, and facilities at Nome Airport.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$2,483,000						\$2,483,000
<b>Total:</b>	<b>\$2,483,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,483,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Nome Port Road Improvements****FY2022 Request: \$5,000,000****Reference No: 63305****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Nome**House District:** Bering Straits/Yukon Delta  
(HD 39)**Impact House District:** Bering Straits/Yukon Delta  
(HD 39)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Widen and resurface the existing Port Road, including but not limited to: drainage improvements, safety improvements and pedestrian facilities.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$4,500,000						\$4,500,000
1008 G/O Bonds	\$500,000						\$500,000
<b>Total:</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
☒ Ongoing  
 0% = Minimum State Match % Required   
☐ Amendment   
☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 26057



**Parks Highway Bridge Replacement Montana Creek, Sheep Creek, and Goose Creek Bridges** **FY2022 Request: \$30,000,000**  
**Reference No: 63299**

**AP/AL:** Appropriation **Project Type:** Construction  
**Category:** Transportation  
**Location:** Matanuska-Susitna (Rural Mat-su) **House District:** Rural Mat-Su (HD 10)  
**Impact House District:** Rural Mat-Su (HD 10) **Contact:** Dom Pannone  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

Replace Bridge 215 at Montana Creek, Bridge 213 at Sheep Creek, and the culverts that compose bridge 4040 at Goose Creek on the Parks Highway. The new bridges will have top widths to match the existing roadway width at the time of construction. Pedestrian facilities will be included if new bridge construction conflicts with existing pedestrian bridges.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$27,000,000						\$27,000,000
1008 G/O Bonds	\$3,000,000						\$3,000,000
<b>Total:</b>	<b>\$30,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 29737

**Parks Highway Little Goldstream Creek Bridge  
Replacement**

**FY2022 Request: \$7,700,000**  
**Reference No: 63306**

**AP/AL:** Appropriation  
**Category:** Transportation  
**Location:** Eielson AFB

**Project Type:** Construction

**House District:** Eielson/Denali/Upper  
Yukon/Border (HD 6)

**Impact House District:** Eielson/Denali/Upper  
Yukon/Border (HD 6)

**Contact:** Dom Pannone

**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

Reconstruct the Little Goldstream Creek Bridge

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$6,930,000						\$6,930,000
1008 G/O Bonds	\$770,000						\$770,000
<b>Total:</b>	<b>\$7,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,700,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 31278

**Richardson Highway Mile Point 117-151 Rehabilitation and Widening and Milepost 268-343 Passing Lanes**      **FY2022 Request: \$104,000,000**  
**Reference No: 63307**

**AP/AL:** Appropriation

**Project Type:** Construction

**Category:** Transportation

**Location:** Eielson AFB

**House District:** Eielson/Denali/Upper Yukon/Border (HD 6)

**Impact House District:** Eielson/Denali/Upper Yukon/Border (HD 6)

**Contact:** Dom Pannone

**Estimated Project Dates:** 07/01/2021 - 06/30/2026      **Contact Phone:** (907)465-2956

**Brief Summary and Statement of Need:**

Projects include:

Richardson Highway Mile Point 268-343 (Milepost 266-341) Passing Lanes (Delta Jct to Eielson),  
 Richardson Highway Mile Point 117-151 (Milepost 115-148) Rehabilitation & Widening,  
 Richardson Highway Mile Point 139-151 Milepost 137-148 Rehabilitation and Widening (stage I of III),  
 Richardson Highway Mile Point 131-141 (Milepost 128-138) Rehabilitation (Stage II of III).

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$93,600,000						\$93,600,000
1008 G/O Bonds	\$10,400,000						\$10,400,000
<b>Total:</b>	<b>\$104,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$104,000,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need IDs 29811, 29812, 31286, and 32579

**Seward Highway Miles 76-81****FY2022 Request: \$104,200,000****Reference No: 63278****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Kenai Peninsula Borough**House District:** Kenai Areawide (HD 29-31)**Impact House District:** Kenai Areawide (HD 29-31)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

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, and 20 Mile River 0634.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$93,780,000						\$93,780,000
1008 G/O Bonds	\$10,420,000						\$10,420,000
<b>Total:</b>	<b>\$104,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$104,200,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 30569

**Seward Meridian Road Improvements****FY2022 Request: \$37,000,000****Reference No: 63296****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Matanuska Susitna Borough**House District:** Matsu Areawide (HD 7-12)**Impact House District:** Matsu Areawide (HD 7-12)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

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 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.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$33,300,000						\$33,300,000
1008 G/O Bonds	\$3,700,000						\$3,700,000
<b>Total:</b>	<b>\$37,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$37,000,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 2481

**Shageluk Airport Access Road Improvements****FY2022 Request: \$7,500,000****Reference No: 63302****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Bristol Bay Borough**House District:** Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)**Impact House District:** Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Reconstruct the 2.6 mile airport access road. Work will include embankment stabilization, minor realignment and resurfacing.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$6,750,000						\$6,750,000
1008 G/O Bonds	\$750,000						\$750,000
<b>Total:</b>	<b>\$7,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,500,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
☒ Ongoing  
 0% = Minimum State Match % Required   
☐ Amendment   
☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 3687

**Sterling Highway Miles 8-25****FY2022 Request: \$299,115,000****Reference No: 63279****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Kenai**House District:** Kenai/Soldotna (HD 30)**Impact House District:** Kenai/Soldotna (HD 30)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Projects include:

Sterling Highway Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction,  
 Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 1,  
 Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 2,  
 Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 3,  
 Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 4.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$269,203,500						\$269,203,500
1008 G/O Bonds	\$29,911,500						\$29,911,500
<b>Total:</b>	<b>\$299,115,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$299,115,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need IDs 2673, 32300, 32319, 32682, and 32683

**Takonta Gold Creek Bridge and Tatalina Bridge Replacement****FY2022 Request: \$5,000,000**  
**Reference No: 63301****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Bristol Bay Borough**House District:** Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)**Impact House District:** Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

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).

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$4,500,000						\$4,500,000
1008 G/O Bonds	\$500,000						\$500,000
<b>Total:</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

Need ID 26124



**Unalaska Harbor****FY2022 Request: \$9,300,000****Reference No: 63275****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Unalaska**House District:** Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)**Impact House District:** Bristol Bay/Aleutians/Upper Kuskokwim (HD 37)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

This project is an additional phase to the Robert Storrs Float Improvement project. It will remove existing A and B Floats at the Harbor and reconfigure the harbor to accommodate the new float system ADA gangway and create uplands for parking and a public restroom. It will also include a fire suppression system, electric and year-round water supply to the harbor users, and new piling.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$9,300,000						\$9,300,000
<b>Total:</b>	<b>\$9,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,300,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Utqiagvik Airport**

**FY2022 Request:** \$4,851,000  
**Reference No:** 63286

**AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Barrow**House District:** Arctic (HD 40)**Impact House District:** Arctic (HD 40)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construction and improvements to runways, lighting, and facilities at Utqiagvik Airport.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O	\$4,851,000						\$4,851,000
Bonds							
<b>Total:</b>	<b>\$4,851,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,851,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Wasilla Airport****FY2022 Request: \$2,199,000****Reference No: 63295****AP/AL:** Appropriation**Project Type:** Construction**Category:** Transportation**Location:** Wasilla**House District:** Greater Wasilla (HD 7)**Impact House District:** Greater Wasilla (HD 7)**Contact:** Dom Pannone**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)465-2956**Brief Summary and Statement of Need:**

Construction and improvements to runways, lighting, and facilities at Wasilla Airport.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O	\$2,199,000						\$2,199,000
Bonds							
<b>Total:</b>	<b>\$2,199,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,199,000</b>

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☐ Phased - underway   
 ☒ Ongoing  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Bartlett and Moore Hall Modernization: Restrooms and Sanitation Infrastructure****FY2022 Request: \$18,650,000****Reference No: 45644****AP/AL:** Appropriation**Project Type:** Renewal and Replacement**Category:** University**Location:** Fairbanks Areawide**House District:** Fairbanks Areawide (HD 1-5)**Impact House District:** Fairbanks Areawide (HD 1-5)**Contact:** Pat Pitney**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)450-8191**Brief Summary and Statement of Need:**

Bartlett and Moore Halls are University of Alaska Fairbanks' largest residence halls housing 650 undergraduate and graduate students throughout the academic year. Both buildings are highly utilized during the academic year and are heavily used for hoteling guests, such as wildland firefighters, during the summer months. The restrooms, laundry, and related sanitation infrastructure is over a half-century old and is failing.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1008 G/O Bonds	\$18,650,000						\$18,650,000
<b>Total:</b>	<b>\$18,650,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,650,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:****Project Description/Justification:**

Bartlett Hall and Moore Hall Plumbing Replacement: Bartlett and Moore Hall are the largest dormitories, housing 650 UAF undergraduate and graduate students throughout the academic year. The sanitary sewer lines within the entire building are at risk of imminent total system failure, requiring UAF to close the halls with no notice should it fail. Over the last 4 years, plumbing supporting the restrooms has failed three to four times a year, leaving portions of the building without sanitation facilities. The pipe has degraded over the life of the 50-year old buildings, leaving large holes in branch and main lines. The damage has led to leaks of raw sewage into the occupied portions of the building.

The project will also address major code citations, provide ADA compliant facilities, and reduce maintenance and custodial cost of the half-century old fixtures and finishes. Work will consist of demolition of the 8 floors of stacked restrooms back to structure, rebuilding the plumbing, electrical, and ventilation systems, and reconstructing compliant facilities on each floor. The project has been

**Bartlett and Moore Hall Modernization: Restrooms and Sanitation Infrastructure**

**FY2022 Request: \$18,650,000**  
**Reference No: 45644**

partially funded to begin the design and engineering phases with the goal of being ready for construction in FY22 thru FY23.

**UAA Building Energy Performance Upgrades****FY2022 Request: \$10,900,000****Reference No: 45642****AP/AL:** Appropriation**Project Type:** Renewal and Replacement**Category:** University**Location:** Anchorage Areawide**House District:** Anchorage Areawide (HD 12-28)**Impact House District:** Anchorage Areawide (HD 12-28)**Contact:** Pat Pitney**Estimated Project Dates:** 07/01/2021 - 06/30/2026 **Contact Phone:** (907)450-8191**Brief Summary and Statement of Need:**

This project will leverage an Energy Service Company (ESCO) currently under contract to promote sustainability, increase energy efficiency, reduce operational costs, and address the deferred liability of three critical facilities the Professional Studies Building (PSB), the Wendy Williamson Auditorium (WWA), and the Social Sciences Building (SSB). Based strictly on energy savings, this project is forecasted to have an estimated \$300K of savings per year.

<b>Funding:</b>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>Total</u>
1008 G/O Bonds	\$10,900,000						\$10,900,000
<b>Total:</b>	\$10,900,000	\$0	\$0	\$0	\$0	\$0	\$10,900,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	0	0

**Prior Funding History / Additional Information:**

**UAA Integrated Sciences Building (CPIB) Combined Heat and Power Energy Savings Project** **FY2022 Request: \$1,428,000**  
**Reference No: 62656**

**AP/AL:** Appropriation **Project Type:** Research / Studies / Planning  
**Category:** University **House District:** Anchorage Areawide (HD 12-28)  
**Location:** Anchorage Areawide **Contact:** Pat Pitney  
**Impact House District:** Anchorage Areawide (HD 12-28) **Contact Phone:** (907)450-8191  
**Estimated Project Dates:** 07/01/2021 - 06/30/2026

**Brief Summary and Statement of Need:**

This project will add a combined heat and power (CHP) microturbine to the CPIB. The localized generation of power provided by the CHP will reduce the overall peak electrical demand and eliminate energy transmission losses experienced through standard electrical distribution grids. Combined, these energy savings will reduce operational costs, reduce overall greenhouse gas emissions, and promote environmental stewardship. This project is part of a grant proposal and partnership between UAA and Alaska Energy Authority.

<b>Funding:</b>	<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
1002 Fed Rcpts	\$1,000,000						\$1,000,000
1008 G/O Bonds	\$428,000						\$428,000
<b>Total:</b>	<b>\$1,428,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,428,000</b>

☐ State Match Required
 ☒ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
 ☐ Ongoing  
 0% = Minimum State Match % Required
 ☐ Amendment
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

This project will provide research and data supporting the US Department of Energy, Office of Energy Efficiency and Renewable Energy Building Technology Proving Ground - Public Field Verification. If successful, the project will serve as a model to expand to other public facility owners including other UAA facilities. This project is consistent with the strategic goals identified as part of the Anchorage Climate Action Plan to reduce greenhouse gas emissions and provide improvements to sustainable outcomes in our community.