



May 13, 2022

Alan Weitzner,
Executive Director
Alaska Industrial Development and Export Authority
813 West Northern Light Blvd.
Anchorage, AK 99503

Ramzi Fawaz
President & Chief Executive Officer
Ambler Metals, LLC
3700 Centerpoint Drive
Suite 101
Anchorage, AK 99503

Re: Request for Task and Budget changes for the 2022 Field Season for the Ambler Access Project

Dear Alan and Ramzi,

Under the terms of the Development Agreement between AIDEA and Ambler Metals, each party has agreed to pay fifty percent of the costs for the Ambler Access Project. As Interim Program Manager, I prepared an overall budget of \$30.8 million for the 2022 field season and provided a breakdown of how these funds are allocated by major work task. This request does not change the total amount of the approved budget.

Per AIDEA Resolutions: "The Executive Director is authorized and directed to finalize and sign on behalf of the Authority agreements and contracts with contractors, engineers, and other professionals needed to carry out the work in the 2021 Project Plan and 2022 Project Plan. "The Executive Director is authorized to make non-material modifications to the 2021 and 2022 Project Plan that the Executive Director determines to be appropriate."

As the field season comes into better focus, the project funds allocation are updated as shown below to move some 2023 work into 2022 and to accommodate the office in Fairbanks. This will allow the project to continue forward using the funds most effectively, therefore I am requesting the changes in Table 1 below.

Summary Table							
Task	Task Description	2021 Budget	2022 Budget	Total Budget	Change Requested	New Total	Notes
1	Project Administration	\$ 501,751.00	\$ 2,333,000.00	\$ 2,834,751.00		\$ 2,834,751.00	
2	Communications Manager	\$ 250,000.00	\$ 250,000.00	\$ 500,000.00		\$ 500,000.00	
3	Stakeholder Outreach	\$ 93,917.00	\$ 660,000.00	\$ 753,917.00	\$ 500,000.00	\$ 1,253,917.00	Increased Stakeholder Engagement and Fairbanks office
4	Design, H&H and Survey	\$ 2,189,688.00	\$ 4,791,000.00	\$ 6,980,688.00	\$ 2,700,000.00	\$ 9,680,688.00	Adds survey crew and deliverables for 35% Design & Class IV Estimates
5	Geotechnical Inv & Design	\$ 750,000.00	\$ 5,475,000.00	\$ 6,225,000.00	\$ (3,000,000.00)	\$ 3,225,000.00	Limited Geotechnical Investigations until PA AWP is approved
6	Facilities Design	\$ 50,938.00	\$ 600,000.00	\$ 650,938.00		\$ 650,938.00	
7	Cultural Resources	\$ 2,100,000.00	\$ 5,100,000.00	\$ 7,200,000.00		\$ 7,200,000.00	
8	Environmental Permitting	\$ 300,000.00	\$ 1,100,000.00	\$ 1,400,000.00		\$ 1,400,000.00	
9	Outreach and ICE	\$ 214,375.00	\$ 600,000.00	\$ 814,375.00		\$ 814,375.00	
10	Logistics	\$ 5,908,331.00	\$ 8,750,000.00	\$ 14,658,331.00		\$ 14,658,331.00	
11	Access Agreements & ROW	\$ 641,000.00	\$ 341,000.00	\$ 982,000.00		\$ 982,000.00	
12	CMGC		\$ 800,000.00	\$ 800,000.00	\$ (200,000.00)	\$ 600,000.00	Planning on RFP later this year/early 2023
	Total	\$ 13,000,000.00	\$ 30,800,000.00	\$ 43,800,000.00	\$ -	\$ 43,800,000.00	

Table 1



The requested updates will reallocate \$3 million from Task 5 Geotechnical Investigations & Design and assign \$2.7 million to Task 4 Design, H&H and Surveys as well cover partial funding for Task 3 Stakeholder Outreach. Funding Task 4 will amend our existing contract with HDR to add additional survey crews (H&H and Land) moving 2023 work into 2022, as well as add deliverables to progress the design efforts to Class IV estimates. This request allows us to add funding of \$500k to Task 3 Stakeholder Outreach which increases the projects outreach efforts and create a project presence in Fairbanks to accommodate project personnel/consultants.

Please let me know if you have any questions or concerns about the proposed changes to the 2022 Budget for the Project.

Sincerely,
DocuSigned by:

David Heimke

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Dave Heimke

Interim Program Manager
Ambler Access Project

Approval of Changes to 2022 AAP Field Season Budget

By signing below, AIDEA and Ambler Metals authorizes the Interim Program Manager to adopt the proposed budget.

DocuSigned by:

Ramzi Fawaz

5/17/2022

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Ramzi Fawaz

Date

President & Chief Executive Officer
Ambler Metals, LLC

DocuSigned by:

Alan Weitzner

5/17/2022

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Alan Weitzner,

Date

Executive Director
Alaska Industrial Development and Export Authority



February 14, 2023

Randy Ruaro
Executive Director
Alaska Industrial Development and Export Authority
813 West Northern Light Blvd.
Anchorage, AK 99503

Ramzi Fawaz
President & Chief Executive Officer
Ambler Metals, LLC
3700 Centerpoint Drive
Suite 101
Anchorage, AK 99503

Re: Request for Task and Budget changes for the 2022/2023 Field Season for the Ambler Access Project

Dear Randy and Ramzi,

Under the terms of the Development Agreement between AIDEA and Ambler Metals, each party has agreed to pay fifty percent of the costs for the Ambler Access Project. To date, Ambler Metals and AIDEA have approved a budget of \$44.8 million (\$1 million in 2020, \$13 million in 2021 and \$30.8 million in 2022). This request does not increase the total amount of the approved budgets but reallocated and adds a new task 13 Supplemental EIS.

Per AIDEA Resolutions: "The Executive Director is authorized and directed to finalize and sign on behalf of the Authority agreements and contracts with contractors, engineers, and other professionals needed to carry out the work in the 2021 Project Plan and 2022 Project Plan. "The Executive Director is authorized to make non-material modifications to the 2021 and 2022 Project Plan that the Executive Director determines to be appropriate."

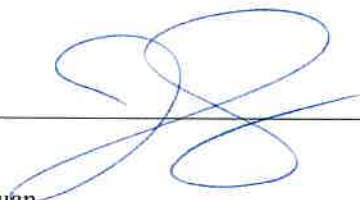
As the field season for 2022 was severely affected by BLM's letter that asserted jurisdiction on all lands not just federal lands under their position on the Programmatic Agreement and to BLM's commitment to the courts to maintain the status quo. Our initial plan to conduct a comprehensive field season did not materialize and the major activities that the project advanced in 2022 were a cultural resources inventory and prepared landing zones designed to allow for an effective and efficient 2023 season.

The costs associated with the Supplemental EIS being prepared by BLM through the use of a contractor are included in this revised, proposed budget. The budget presented below is the proposed budget realignment that will allow the project to capture a full field season of activities currently approved by BLM and extend the other activities through December 31, 2023. This will allow the project to continue advancing using the funds effectively, therefore I am requesting the approval of the changes in Table below.



Summary Table							
Task	Task Description	2020 Budget	2021 Budget	2022 Budget	Total Budget	Change Requested	New Budget Total
*	Interim funding agreement	\$ 1,000,000.00			\$ 1,000,000.00	\$ (159,722.93)	\$ 840,277.07
1	Project Administration		\$ 501,751.00	\$ 2,333,000.00	\$ 2,834,751.00	\$ 540,460.93	\$ 3,375,211.93
2	Communications Manager		\$ 250,000.00	\$ 250,000.00	\$ 500,000.00	\$ (178,777.00)	\$ 321,223.00
3	Stakeholder Outreach		\$ 93,917.00	\$ 1,160,000.00	\$ 1,253,917.00	\$ 602,151.00	\$ 1,856,068.00
4	Design, H&H and Survey		\$ 2,189,688.00	\$ 7,491,000.00	\$ 9,680,688.00	\$ (921,782.00)	\$ 8,758,906.00
5	Geotechnical Inv & Design		\$ 750,000.00	\$ 2,475,000.00	\$ 3,225,000.00	\$ (2,133,496.00)	\$ 1,091,504.00
6	Facilities Design		\$ 50,938.00	\$ 600,000.00	\$ 650,938.00	\$ (347,386.00)	\$ 303,552.00
7	Cultural Resources		\$ 2,100,000.00	\$ 5,100,000.00	\$ 7,200,000.00	\$ (2,119,235.00)	\$ 5,080,765.00
8	Environmental Permitting		\$ 300,000.00	\$ 1,100,000.00	\$ 1,400,000.00	\$ (75,983.00)	\$ 1,324,017.00
9	Outreach and ICE		\$ 214,375.00	\$ 600,000.00	\$ 814,375.00	\$ (75,847.00)	\$ 738,528.00
10	Logistics		\$ 5,908,331.00	\$ 8,750,000.00	\$ 14,658,331.00	\$ 2,433,271.00	\$ 17,091,602.00
11	Access Agreements & ROW		\$ 641,000.00	\$ 341,000.00	\$ 982,000.00	\$ 527,557.00	\$ 1,509,557.00
12	CMGC			\$ 600,000.00	\$ 600,000.00	\$ (327,186.00)	\$ 272,814.00
13	Supplemental EIS				\$ -	\$ 2,235,975.00	\$ 2,235,975.00
	Total	\$ 1,000,000.00	\$ 13,000,000.00	\$ 30,800,000.00	\$ 44,800,000.00	\$ (0.00)	\$ 44,800,000.00

Sincerely,



 Date 2-14-23
 Jeffrey San Juan
 Interim Program Manager
 Ambler Access Project

Approval of Changes to AAP Project Budget

By signing below, AIDEA and Ambler Metals authorizes the Interim Program Manager to adopt the proposed budget.



 Date 2-14-23
 Randy Ruaro,
 Executive Director
 Alaska Industrial Development and Export Authority



 Date 2/15/23
 Ramzi Fawaz
 President & Chief Executive Officer
 Ambler Metals, LLC

AAP Project Budget		2021-2022 Season (G20-19 and G21-09) with matching resolutions and funding from Ambler Metals												\$14,000,000	
Task	Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
*	Interim Funding												\$ 840,277.07	\$ 840,277.07	
1	Program Management									\$ 1,096.05		\$ 289,373.06	\$ 706.20	\$ 291,175.31	
2	Communications								\$ 40,000.00	\$ 26,028.01	\$ 21,875.00	\$ 25,291.70	\$ 15,525.00	\$ 128,719.71	
3	Stakeholder Outreach									\$ 21,415.42	\$ 36,800.07			\$ 58,215.49	
4	Design, H&H and Survey								\$ 68,596.49	\$ 117,760.06	\$ 481,055.45	\$ 334,621.56	\$ 136,504.41	\$ 1,138,537.97	
5	Geotechnical									\$ 105,059.33	\$ 38,416.11	\$ 66,964.73	\$ 46,470.38	\$ 256,910.55	
6	Facilities										\$ 21,303.75	\$ 15,771.76		\$ 37,075.51	
7	Cultural Resources							\$ 54,082.31	\$ 572,691.79	\$ 652,685.66	\$ 121,422.25	\$ 110,045.81	\$ 131,722.74	\$ 1,642,650.56	
8	Environmental and Permitting								\$ 6,550.00	\$ 15,052.40	\$ 26,866.55	\$ 14,262.62	\$ 28,304.41	\$ 91,035.98	
9	ICE and Support									\$ 75,622.86	\$ 15,840.24	\$ 12,829.30	\$ 28,031.72	\$ 132,324.12	
10	Logistics							\$ 112,242.13	\$ 249,909.61	\$ 867,880.23	\$ 82,202.18	\$ 187,560.24		\$ 1,499,794.39	
11	Access Agreements & ROW						\$ 329,500.00	\$ 10,000.00	\$ 74,027.27			\$ 39,387.62	\$ 42,790.67	\$ 495,705.56	
12	CMGC												\$ -	\$ -	
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 329,500.00	\$ 176,324.44	\$ 1,011,775.16	\$ 1,882,600.02	\$ 845,781.60	\$ 1,096,108.40	\$ 1,270,332.60	\$ 6,612,422.22	
	Cumalative 2021-2022 Season	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 329,500.00	\$ 505,824.44	\$ 1,517,599.60	\$ 3,400,199.62	\$ 4,245,981.22	\$ 5,342,089.62	\$ 6,612,422.22	\$ 7,387,577.78	
		Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals		

AAP Project Budget		2022 -2023 Season (G22-03 May 1-Apr 30) with matching resolutions and funding from Ambler Metals												\$ 44,800,000.00	
Task	Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Cumulative Total by Task
*	Interim Funding Agreement														\$ 840,277.07
1	Program Management		\$ 93,523.92	\$ 76,628.28	\$ 211,727.94		\$ 134,510.96	\$ 66,380.04	\$ 159,245.34	\$ 60,453.94	\$ 173,321.11	\$ 77,333.58	\$ 193,637.03	\$ 1,246,762.14	\$ 1,537,937.45
2	Communications		\$ 34,919.24	\$ 20,158.80	\$ 13,836.69	\$ 17,125.00	\$ 20,311.43	\$ 12,000.00	\$ 25,320.69	\$ 18,830.69				\$ 162,502.54	\$ 291,222.25
3	Stakeholder Outreach	\$ 14,740.49	\$ 20,139.02	\$ 114,396.75	\$ 50,584.47	\$ 35,694.93	\$ 45,669.58	\$ 26,080.28	\$ 90,217.36	\$ 72,868.36	\$ 48,012.46	\$ 14,917.32	\$ 104,051.63	\$ 637,372.65	\$ 695,588.14
4	Design, H&H and Survey	\$ 263,226.22	\$ 211,911.67	\$ 115,553.37	\$ 140,596.98	\$ 484,639.71	\$ 300,120.27	\$ 347,955.34	\$ 167,647.48	\$ 364,830.02	\$ 234,978.19	\$ 355,810.34	\$ 140,098.39	\$ 3,127,367.98	\$ 4,265,905.95
5	Geotechnical	\$ 211,081.25	\$ 414,784.09	\$ 128,277.88	\$ 16,020.48	\$ 9,515.95	\$ 12,336.10	\$ 5,980.26			\$ 5,027.55	\$ 1,657.56	\$ 1,657.56	\$ 806,338.68	\$ 1,063,249.23
6	Facilities	\$ 10,858.20			\$ 1,800.49			\$ 105,937.50				\$ 62,880.05		\$ 181,476.24	\$ 218,551.75
7	Cultural Resources	\$ 60,635.47	\$ 57,491.77	\$ 35,856.65	\$ 47,355.84	\$ 91,190.25	\$ 112,555.26	\$ 93,414.54	\$ 198,894.66	\$ 278,350.36	\$ 130,333.84	\$ 85,754.03	\$ 65,229.15	\$ 1,257,061.82	\$ 2,899,712.38
8	Environmental and Permitting	\$ 28,304.41	\$ 84,708.72	\$ 56,960.83			\$ 46,816.37	\$ 132,275.69	\$ 55,512.10	\$ 24,202.30	\$ 52,289.42	\$ 21,325.21	\$ 49,032.02	\$ 551,427.07	\$ 642,463.05
9	ICE and Support	\$ 14,802.78	\$ 17,142.05	\$ 4,957.11			\$ 17,141.78	\$ 10,778.67	\$ 38,957.99	\$ 31,857.60	\$ 36,077.99	\$ 58,876.32	\$ 69,651.94	\$ 300,244.23	\$ 432,568.35
10	Logistics	\$ 157,406.67	\$ 120,794.20	\$ 94,383.05	\$ 177,408.75	\$ 493,155.14	\$ 419,220.47	\$ 822,254.88	\$ 547,254.28	\$ 1,779,215.26	\$ 103,583.71	\$ 21,517.87	\$ 4,412.84	\$ 4,740,607.12	\$ 6,240,401.51
11	Access Agreements & ROW		\$ 138,000.00			\$ 49,000.00						\$ -		\$ 187,000.00	\$ 682,705.56
12	CMGC								\$ 8,704.50	\$ 8,050.19	\$ 5,484.86	\$ 41,344.74	\$ 45,723.86	\$ 109,308.15	\$ 109,308.15
	Total	\$ 761,055.49	\$ 1,193,414.68	\$ 647,172.72	\$ 659,331.64	\$ 1,180,320.98	\$ 1,108,682.22	\$ 1,623,057.20	\$ 1,291,754.40	\$ 2,638,658.72	\$ 789,109.13	\$ 741,417.02	\$ 673,494.42	\$ 13,307,468.62	\$ 19,919,890.84
	Cumalative 2022-2023 Season	\$ 761,055.49	\$ 1,954,470.17	\$ 2,601,642.89	\$ 3,260,974.53	\$ 4,441,295.51	\$ 5,549,977.73	\$ 7,173,034.93	\$ 8,464,789.33	\$ 11,103,448.05	\$ 11,892,557.18	\$ 12,633,974.20	\$ 13,307,468.62	\$ 19,919,890.84	
	Cumalative from May 2021	\$ 7,373,477.71	\$ 8,566,892.39	\$ 9,214,065.11	\$ 9,873,396.75	\$ 11,053,717.73	\$ 12,162,399.95	\$ 13,785,457.15	\$ 15,077,211.55	\$ 17,715,870.27	\$ 18,504,979.40	\$ 19,246,396.42	\$ 19,919,890.84	\$ 24,880,109.16	
		Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Under Review		

AAP Project Budget		Continue with funding from previously approved resolutions												\$ 44,800,000.00	
Task	Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Cumulative by Task
*	Interim Funding Agreement														\$ 840,277.07
1	Program Management	\$ 152,415.64	\$ 147,700.00	\$ 143,050.00	\$ 143,050.00	\$ 143,050.00	\$ 166,940.00	\$ 189,440.00	\$ 166,940.00	\$ 155,540.00	\$ 143,050.00	\$ 143,050.00	\$ 143,050.00	\$ 1,837,275.64	\$ 3,375,213.09
2	Communications	\$ 30,000.00												\$ 30,000.00	\$ 321,222.25
3	Stakeholder Outreach	\$ 115,480.10	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00	\$ 1,160,480.10	\$ 1,856,068.24
4	Design, H&H and Survey	\$ 150,000.00	\$ 143,000.00	\$ 100,000.00	\$ 100,000.00	\$ 400,000.00	\$ 750,000.00	\$ 750,000.00	\$ 750,000.00	\$ 750,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 4,493,000.00	\$ 8,758,905.95
5	Geotechnical	\$ 755.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 28,255.00	\$ 1,091,504.23
6	Facilities	\$ 75,000.00	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,000.00	\$ 303,551.75
7	Cultural Resources	\$ 66,053.00	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 200,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 260,000.00	\$ 100,000.00	\$ 100,000.00	\$ 2,181,053.00	\$ 5,080,765.38
8	Environmental and Permitting	\$ 320,000.00	\$ 35,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 26,554.23	\$ 681,554.23	\$ 1,324,017.28
9	ICE and Support	\$ 180,959.34	\$ 75,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 305,959.34	\$ 738,527.69
10	Logistics	\$ 19,200.00	\$ 30,000.00	\$ 30,000.00	\$ 562,000.00	\$ 1,500,000.00	\$ 2,100,000.00	\$ 2,250,000.00	\$ 2,250,000.00	\$ 2,020,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 10,851,200.00	\$ 17,091,601.51
11	Access Agreements & ROW	\$ 128,851.00		\$ 130,000.00	\$ 178,000.00		\$ 130,000.00			\$ 130,000.00			\$ 130,000.00	\$ 826,851.00	\$ 1,509,556.56
12	CMGC	\$ 163,505.85		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 163,505.85	\$ 272,814.00
13	BLM SEIS		\$ 2,235,975.00											\$ 2,235,975.00	\$ 2,235,975.00
	Total	\$ 1,402,219.93	\$ 2,854,175.00	\$ 620,550.00	\$ 1,195,550.00	\$ 2,370,550.00	\$ 3,649,440.00	\$ 3,616,940.00	\$ 3,594,440.00	\$ 3,483,040.00	\$ 760,550.00	\$ 600,550.00	\$ 732,104.23	\$ 24,880,109.16	\$ 44,800,000.00
	Cumalative 2023-2024 Season	\$ 1,402,219.93	\$ 4,256,394.93	\$ 4,876,944.93	\$ 6,072,494.93	\$ 8,443,044.93	\$ 12,092,484.93	\$ 15,709,424.93	\$ 19,303,864.93	\$ 22,786,904.93	\$ 23,547,454.93	\$ 24,148,004.93	\$ 24,880,109.16	\$ 44,800,000.00	
	Cumalative from May 2021	\$ 21,322,110.77	\$ 24,176,285.77	\$ 24,796,835.77	\$ 25,992,385.77	\$ 28,362,935.77	\$ 32,012,375.77	\$ 35,629,315.77	\$ 39,223,755.77	\$ 42,706,795.77	\$ 43,467,345.77	\$ 44,067,895.77	\$ 44,800,000.00	\$ (0.00)	
		Forecast	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate		



Together on the Path to Opportunity

Ambler Access Project Update

February 2023



Ambler Access Project Update

2022 Project Highlights



2023 Planned Activities



Q1 Important Dates



Next Steps





2022 Project Highlights

Tasks Planned:

- Design, H&H, and Survey
- Geotechnical
- Cultural Resources
- Environmental
- Facilities Design
- Logistics
- Independent Cost Estimating
- Stakeholder Outreach



2022 Highlights – Field Work

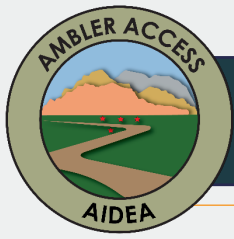
Spring Breakup Observations

Cultural Resource Surveys

Landing Zone Clearing

Over 500 hours of field work gathering data, implementing the Cultural Resource Management Plan, and following the EIS Programmatic Agreement without a safety incident

- **Spring Breakup Aerial Observations: May 2-20**
- **Raptor Nest Overflight: Between June 1-15**
- **Cultural Resource Surveys: August 30-October 2**
- **Landing Zone Clearing: August 28-October 2**



2022 Highlights – By the Numbers

26

Aerially observed spring breakup at 26 complex and intermediate bridge crossings



131

Cleared 131 landing zones for safe field operations



516

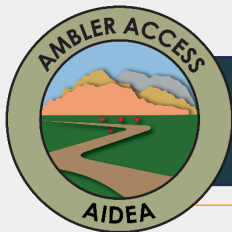
Surveyed 516 acres for cultural resources



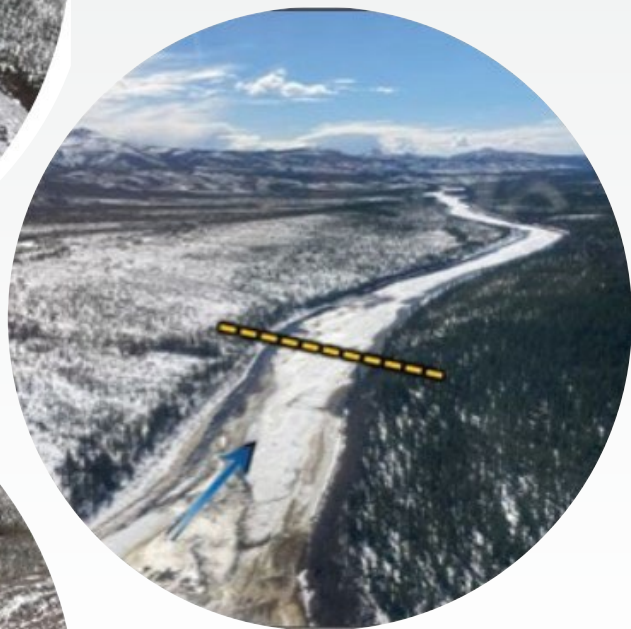
5

Tribal liaisons consisting of Doyon and NANA shareholders





2022 Design Highlights

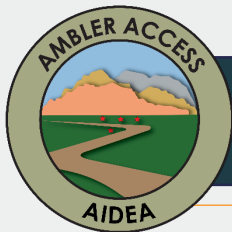


Field Work:

- Observed spring breakup conditions via overflight at 26 bridge crossings
- Aerially reviewed need to clear intended landing zones

Desktop Deliverables:

- Preliminary Basis of Design & Design Criteria
- Guidance Documentation
- Preliminary Engineering Report
- Class IV Estimate Design Package



2022 Cultural Resource Survey Highlights



2022 Cultural Resource Survey and Ethnographic Inventory Coverage by Land Status

Land Status	Completeness	Pedestrian and Ethnographic Inventory Acreage	Survey Targets
BLM	Complete	0.00	NA
	Incomplete*	92.34	2021-PMS3-001, 2021-PMS3-002
	BLM Total	92.34	NA
Doyon Limited	Complete	53.12	2021-LB5-001, 2021-LB5-002
	Incomplete*	0.00	NA
	Doyon Limited Total	53.12	NA
State of Alaska	Complete	65.56	2021-LB11-001, 2021-LB11-002, 2021-LB11-003, 2021-LB4-001, 2021-LB4-002, 2021-LB5-001, 2021-LB5-002, 2021-LB8-001, 2021-LB8
	Incomplete*	305.13	2021-PMS11-001, 2021-PMS11-002, 2022-PMS2-001, 2022-PMS2-002, 2022-PMS7-001, 2021-SMS16-001, 2021-SMS4-001, 2021-SMS5-001
	State of Alaska Total	370.69	NA
Total Acreage Surveyed		516.15	NA

Table Notes:

BLM = Bureau of Land Management

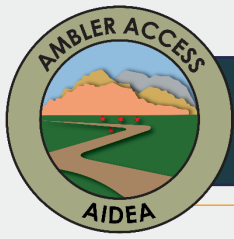
NA = not applicable

*Incompleteness indicates that pedestrian survey, testing, or ethnographic inventory was initiated, but not completed.

Survey Targets 2021-LB11-002, 2021-LB11-003, and 2021-LB5-002 were completed as part of the ethnographic survey

- 516 acres surveyed
- 24 transect recording areas
- 37 potential test areas identified
- 23 shovel test pits
- 1 excavation unit





2022 Cultural Resource Survey Highlights



3 / 20

2 shovel test pits and 1 excavation unit were positive, and 20 shovel test pits were negative for cultural material



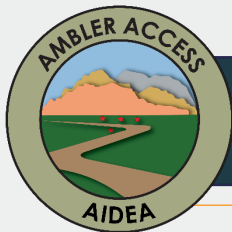
4

4 new Alaska Heritage Resource Survey sites were identified



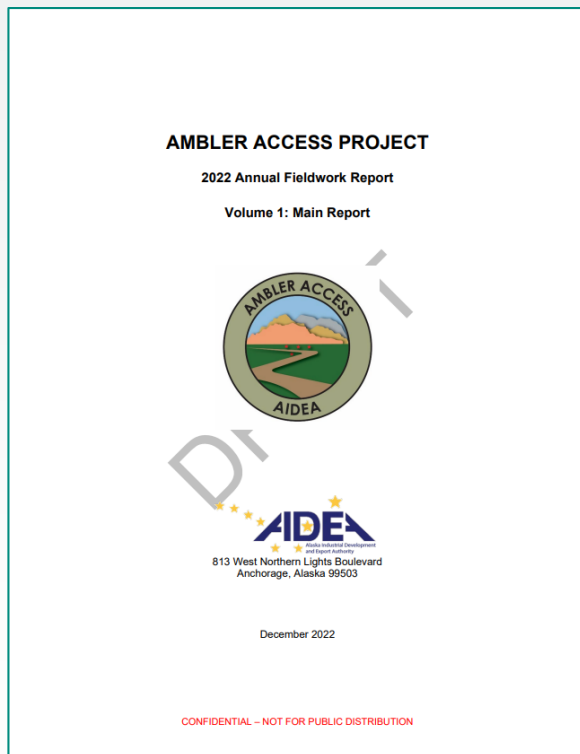
2

2 known Alaska Heritage Resource Survey site boundaries were documented within the direct area of potential effect



2022 Program Highlights

2022 Annual Fieldwork Report



Two volumes of information with significant research and findings; organized based on guidance from BLM

Continued Development of Tribal Liaison Program



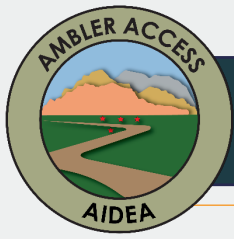
2022 Tribal Liaison Regional Corporation and Tribal Affiliations

Name	Corporate Affiliation	Tribal Affiliation
Robert Beetus	Doyon	Hughes
Mary Black	NANA	Kiana
Tiffany Greist	NANA	Ambler
Calvin Simon	Doyon	Huslia
Vincent Simon	Doyon	Allakaket

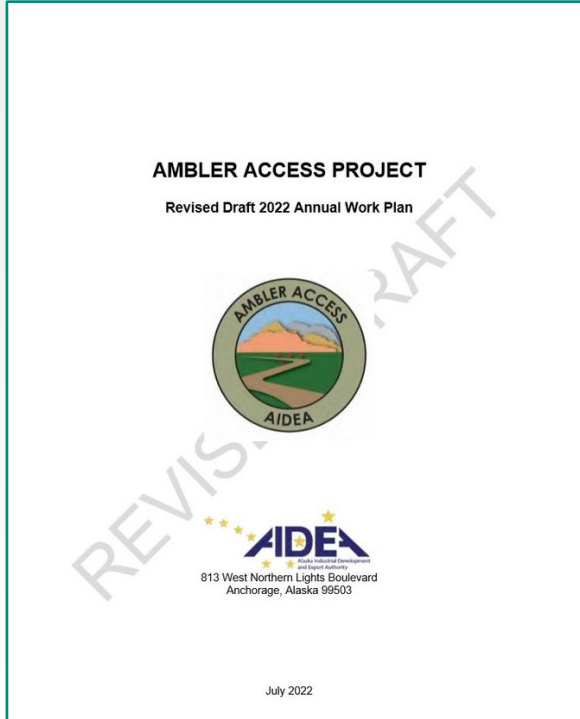
Table Notes:

Doyon = Doyon, Limited

NANA = NANA Regional Corporation



2022 Program Highlights



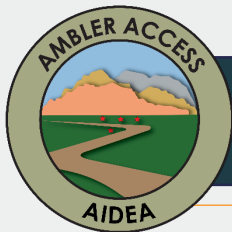
Detailed 2022 Work Plan



Documentation of Ethnographic Resources with Tribal Liaison Program

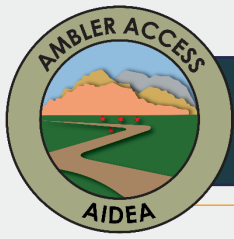


Important research and findings

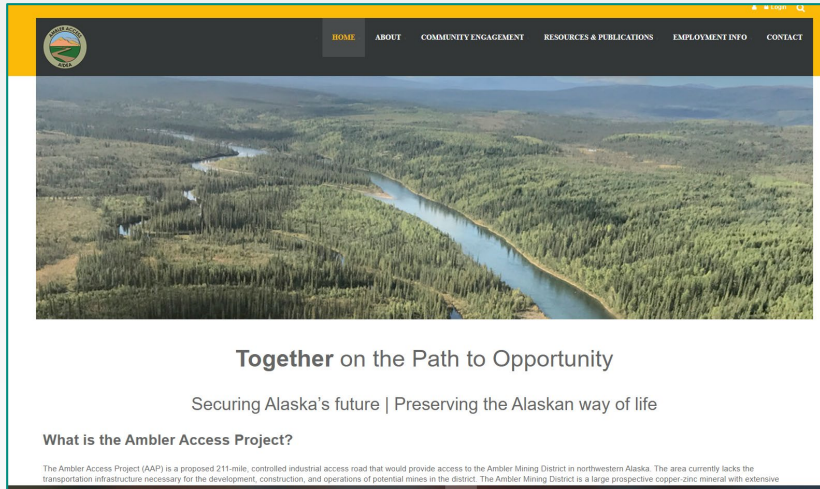


2022 Stakeholder Outreach - People

- **Subsistence Advisory Committee launches, initiates quarterly meetings**
 - January 11, 2022
 - June 27, 2022
 - August 16, 2022
 - January 5, 2023 (rescheduled Q4 2022 meeting)
- **Workforce Development Working Group, initiates quarterly meetings**
- **Stakeholder Outreach & Job Fairs**
 - Hughes
 - Shungnak
 - Kobuk
 - Kotzebue
 - Allakaket
 - Kiana
 - Ambler

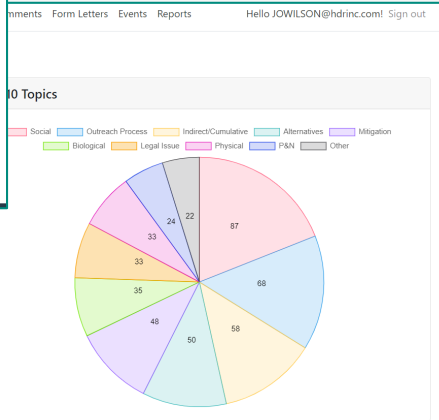


2022 Stakeholder Outreach - Tools

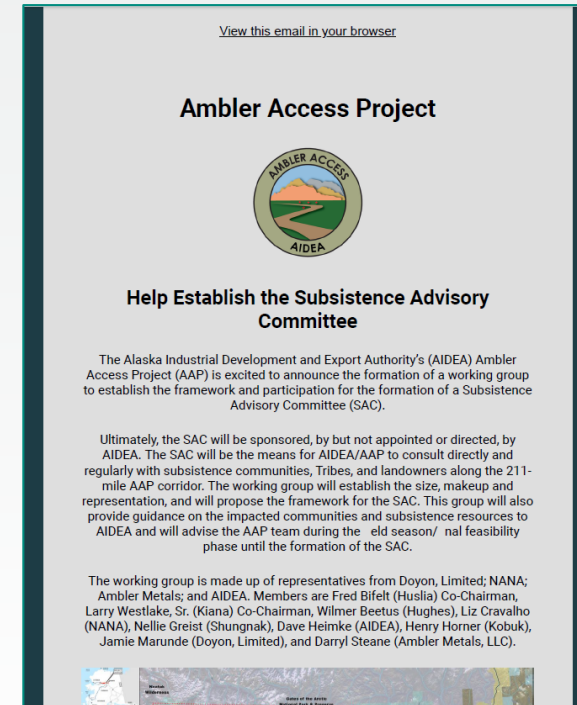


**New website for PC
and mobile devices**

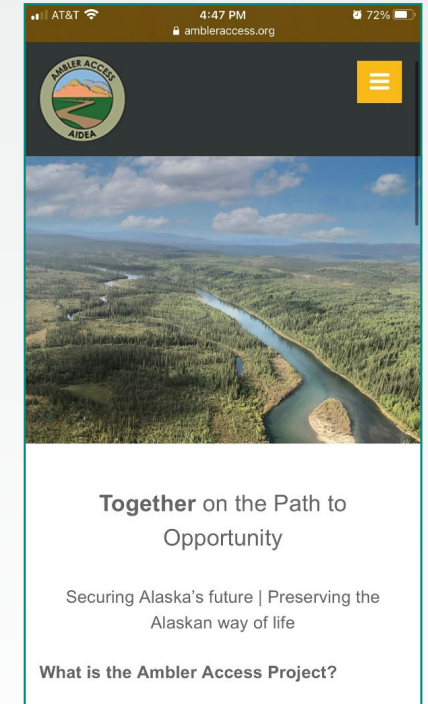
Last 30 Days: 2	
This Month: 0	
Contacts	
Total Contacts: 26743	
Total Communications By Topic	
Topic	Total
Social	87
Outreach Process	68



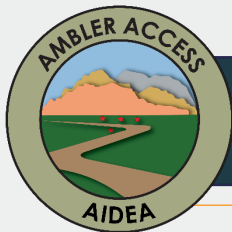
**Stakeholder and communication
database (SOAR)**



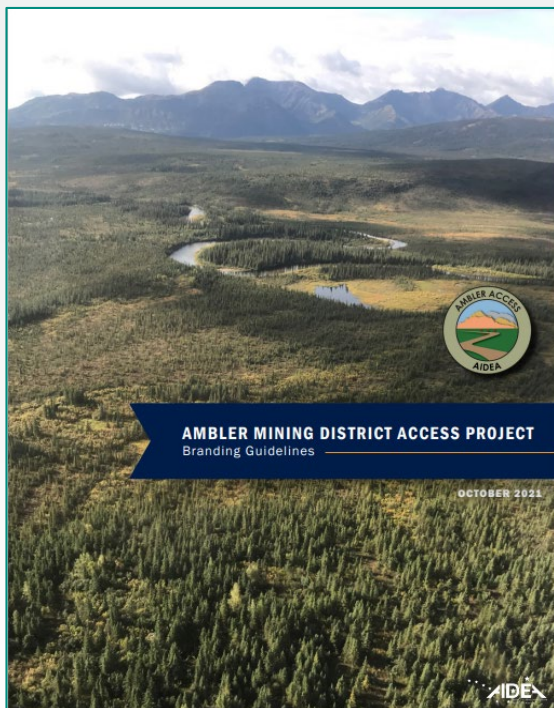
**Email correspondence
system**



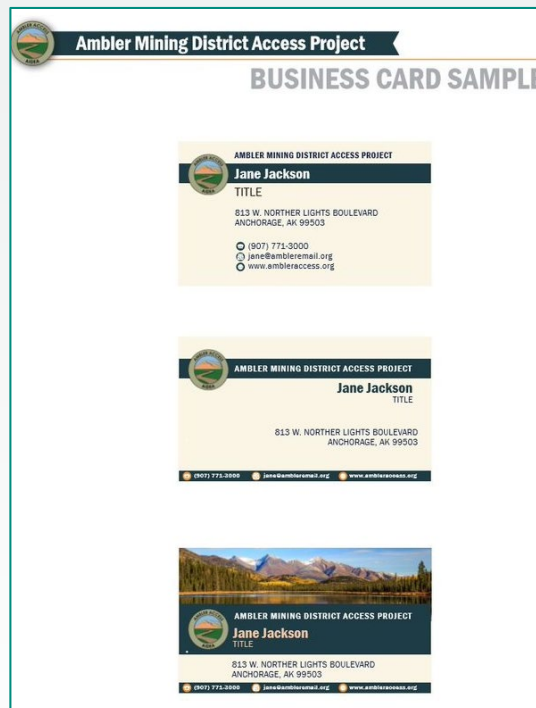
Social Media



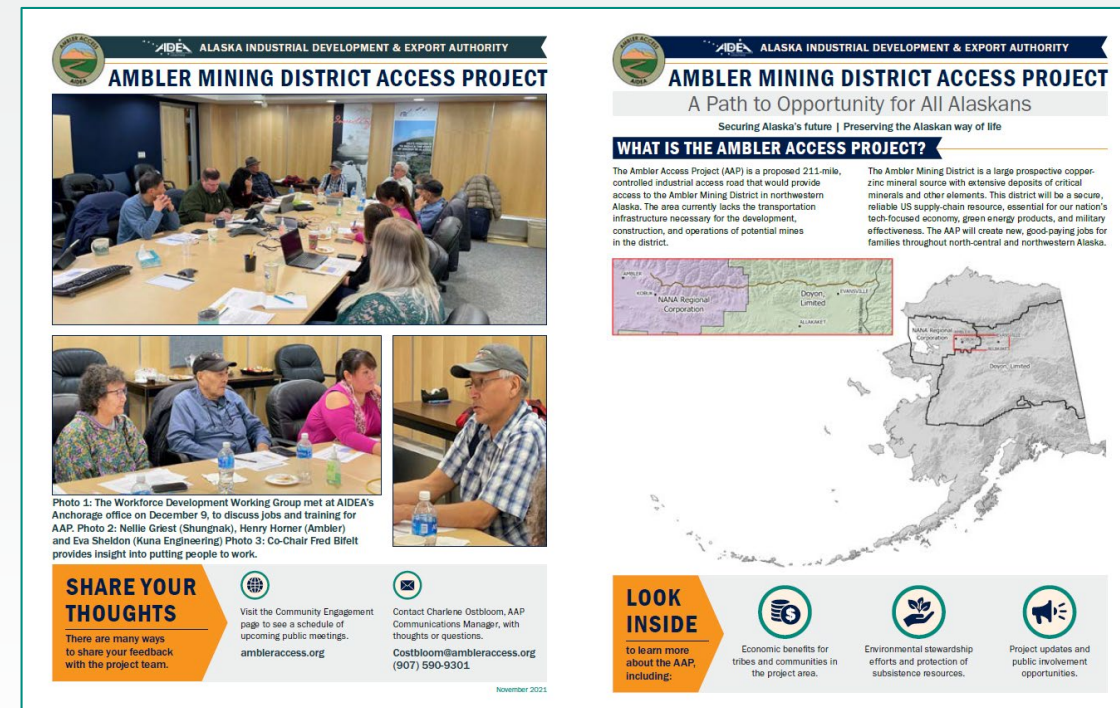
2022 Stakeholder Outreach - Materials



Project Brand Guide



Toolkit of Project Materials
(PPT, business cards,
report template, etc.)

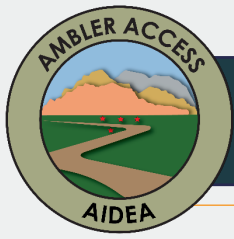


Brochure and Subsistence Advisory Group materials
(templates, flyers, project PPT)



2023 Planned Activities





2023 Planned Activities



Cultural Resources

Continue field surveys in prioritized areas.



Clearing Landing Zones

Clearing landing zones to support safe access for field operations.



Fish Habitat Studies

Alaska Department of Fish & Game (ADF&G) will continue 2021 field efforts to collect fish habitat, water quality, species presence, or critical spawning area data, focusing on mid-alignment (MP 58-130) at 57 locations.



Hydrological and Hydraulic (H&H) Investigations

Assess conditions for area drainage, culvert placement including fish passage, and bridge design; spring breakup monitoring at 26 rivers; establish stream gauges at bridge sites.



Stakeholder Outreach

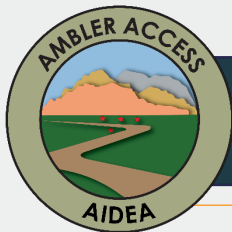
Website update, calendar of events, mail newsletter, distribute press releases (letters of support, etc.), continue subsistence advisory committee & workforce development working group, launch social media.





Q1 Important Dates





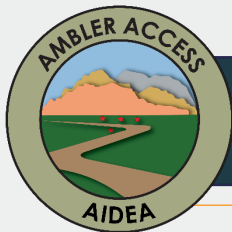
Q1 2023 Important Dates

- **January 5 Subsistence Advisory Group Meeting**
- **January 6 Workforce Development Working Group Meeting**
- **February 14 Huslia community meeting**
- **February 23 Subsistence Advisory Group Meeting**
- **February 24 Workforce Development Working Group Meeting**
- **March 1 Annual Work Plan to BLM**



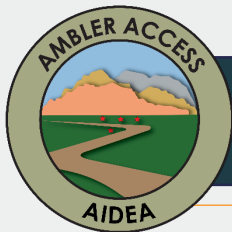
Next Steps





Next Steps

- 1. NTP for 2023 Field Season Task Orders**
- 2. Update Work Plans and Master Schedule**
- 3. Continue project communication and collaboration with Ambler Metals**



Additional information

www.ambleraccess.org

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