

**ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY**

**RESOLUTION NO. G22-03**

**RESOLUTION OF THE ALASKA INDUSTRIAL  
DEVELOPMENT AND EXPORT AUTHORITY  
RELATING TO DEVELOPMENT OF THE AMBLER  
ACCESS PROJECT TO CONDUCT CERTAIN FINAL  
FEASIBILITY AND PERMITTING ACTIVITIES  
WITH RESPECT TO THE 2022 FIELD SEASON  
PLAN AND BUDGET**

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**WHEREAS**, one of the purposes of the Alaska Industrial Development and Export Authority (the “Authority”) is to develop and provide financing for industrial development and facilities that “are essential to the development of the natural resources and the long-term economic growth of the state, and will directly and indirectly alleviate unemployment in the state...” AS 44.88.010(a)(4), 44.88.070(1);

**WHEREAS**, the Ambler Access Project (“Project”) is aimed at the development of an industrial road that provides access to the Ambler Mining District and the type of development that AIDEA was established to pursue;

**WHEREAS**, the Arctic Infrastructure Development Fund (“AIDF”) was set up by the Legislature so that it could accept funds transferred into the fund by the Board;

**WHEREAS**, the Authority has the ability to finance development projects that create infrastructure needed to bring natural resources to market;

**WHEREAS**, the opening of new areas for natural resource development through the construction of access roads is important in supporting economic development and is in furtherance of the Authority’s statutory mission;

**WHEREAS**, the Authority may use the AIDF to finance Arctic infrastructure development.

**WHEREAS**, the Ambler Access Project was declared to be an Arctic infrastructure development project under the Arctic Infrastructure Development Program and Fund in Board Resolution G20-11;

**WHEREAS**, the Authority under the AIDF is authorized to enter into agreements for, rights-of-ways, and studies and to contract for services with a professional advisor, including engineers, or other technical experts necessary to fulfill the purposes of the program;

**WHEREAS**, AIDEA is interested in developing an industrial road to the Ambler Mining District to support exploration, development, and mining activities in the area, consistent with the March 2020 Ambler Road Final Environmental Impact Statement, the July 2020 Ambler Road Record of Decision issued jointly by the U.S. Bureau of Land Management and U.S. Army Corps of Engineers, and the July 2020 Record of Decision issued jointly by the Secretaries of the Interior and Transportation on Alignment of the Ambler Road through the Kobuk Preserve (collectively, the “Ambler Road RODs”);

**WHEREAS**, in February of 2021, the Authority and Ambler Metals, LLC (Ambler Metals) entered into the Ambler Access Development Agreement (“Development Agreement”) that addresses funding and oversight of the Project’s feasibility and permitting activities through 2024;

**WHEREAS**, the Development Agreement specifies that the Program Manager for the Project shall prepare a 2022 Project Plan setting out the permitting and planning services to be carried out as final feasibility and permitting activities;

**WHEREAS**, the 2022 Project Plan addresses critical path tasks that focus on studies and data collection to support initial Project design and preparation work, including: geotechnical

investigations, land access agreements from landowners and managers, right-of-way surveys, environmental studies, and design (bridges and roadway);

**WHEREAS**, the Development Agreement specifies that the Program Manager shall prepare a 2022 Project Plan Budget detailing the expenditures for those activities;

**WHEREAS**, the Development Agreement provides that expenditures in the 2022 Project Plan Budget will be split between the Authority and Ambler Metals, with each party paying 50 percent of the costs;

**WHEREAS**, conducting final feasibility and permitting activities along the route for the Project approved in the Ambler Road RODs is in furtherance of the Authority's statutory powers and is in the public interest and is for a public purpose.

**NOW, THEREFORE, BE IT RESOLVED BY THE AUTHORITY AS FOLLOWS:**

Section 1. The Authority is authorized to conduct field work in conformity with the 2022 Project Plan that is approved by the Board. 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 2022 Project Plan. The Executive Director is authorized to make non-material modifications to the 2022 Project Plan that the Executive Director determines to be appropriate.

Section 2. The Authority approves the 2022 Project Plan Budget. The Executive Director is authorized to make non-material modifications to the 2022 Project Plan Budget that the Executive Director determines to be appropriate that do not increase the overall expenditure set out in that budget.

Section 3. Subject to the approval of the 2022 Project Plan and the 2022 Project Plan Budget by Ambler Metals, LLC under the terms of the Development Agreement, the Authority is

authorized to expend up to \$15,400,000 from the Artic Infrastructure Development Fund in conformity with 2022 Project Plan and the 2022 Project Plan Budget.

Section 4. The Executive Director is authorized to sign all other documents and instruments and to take other actions as may be necessary or convenient in implementing this Resolution.

Dated at Anchorage, Alaska, this 27<sup>th</sup> day of January, 2022.



Secretary

Chair



## MEMORANDUM

**TO:** Board Members  
Alaska Industrial Development and Export Authority

**FROM:** Alan Weitzner  
Executive Director

**DATE:** January 14, 2022

**RE:** Ambler Access Project 2022 Field Season Plan and Budget  
Resolution No. G22-03

### PROPOSAL

Alaska Industrial Development and Export Authority (“AIDEA” or the “Authority”) staff is requesting the Board’s authorization to spend up to \$15,400,000 from the funds currently in the Arctic Infrastructure Development Fund (“AIDF”) for 2022 pre-development work on the Ambler Access Project (“AAP”). These funds will be matched by another \$15,400,000 from Ambler Metals, LLC (“Ambler Metals”) under the terms of the Ambler Access Development Agreement that was approved by the Board on February 10, 2021 and subsequently executed by both parties (the “Development Agreement”).

This work builds on the scope previously completed under Resolution No. G21-09 approving a \$13 million budget for the 2021 Field Season (defined to complete on April 30, 2022) which is forecast to expend \$12,300,000. This 2022 Field Season Plan and Budget request reflects the amount necessary to stay on schedule for a 2024 Final Investment Decision. Additional cultural resources and geotechnical teams with accompanying support have been added to the work plan.

On January 6, 2021 AIDEA signed Over the course of 2021, AIDEA entered into a multi-year land access agreement and permit with Doyon Limited (“Doyon”) and the NANA Regional Corporation, Inc. (“NANA”), respectively, to allow AIDEA and its contractors controlled access to land owned by Doyon and NANA along the route of the AAP to conduct the final Feasibility and Permitting Activities defined under the Development Agreement. AIDEA’s access to Doyon and NANA lands for the fieldwork proposed under the 2022 Field Season Plan remains subject to the terms and conditions of those agreements.

### 2022 PROJECT PLAN AND BUDGET

Under the terms of the Development Agreement, the 2022 Project Plan Budget is defined as the field work starting on May 1<sup>st</sup> and completion April 30<sup>th</sup>. The field work drives the office effort and the required annual reports, and allows for a logical budget sequence. The pre-development and feasibility efforts identified for the 2021 Field Season will be expanded to meet this year’s work that focuses on studies and data collection to support AAP design, permitting and preparation work. Please be aware that a new task has been added to include project controls to outline and

report on scheduling and cost forecasting.

The 2022 Field Season tasks include:

- Geotechnical Investigations
- Right-of-Way Surveys
- Environmental Studies
- Design (Bridges and Roadway)
- Cultural Resources work in compliance with the Programmatic Agreement entered into by AIDEA with the U.S. Department of Interior's Bureau of Land Management ("BLM"), the Alaska State Historic Preservation Officer, the Advisory Council on Historic Preservation and other agencies and signatories.
- Project Controls to provide a schedule that ties together all work flows, schedule dates, and expenditures for monthly reporting added under Task 9 (see Table 1 below).
- CMGC which is contemplated to engage with implementation contractor resources to inform the project schedule and cost for the FID.

As specified in Sections 5(b) and 5(d) of the Development Agreement, the proposed Program and Budget includes the following items:

- (i) A statement of the proposed Expenditures is shown in Table 1;
- (ii) A detailed breakdown of the Expenditures incurred in the prior fiscal year actual versus budgeted, shown in Table 2;
- (iii) An estimate of all Expenditures to be incurred (as recommended by the Program Manager) and an estimate of the time period during which it will be incurred, plus a reasonable allowance for contingencies given in Exhibit A.
- (iv) Such other facts as may be necessary to reasonably illustrate the results intended to be achieved by the proposed Program and Budget with respect to the Forecast, as updated;
- (v) An estimate of the Expenditures which are anticipated for the fiscal year following the fiscal year to which the Program and Budget relate together with the assumptions relating to that estimate given in Exhibit B;
- (vi) Any other information that the Program Manager and Parties consider material or otherwise prudent for the Parties to take into consideration.

Under the terms of the Development Agreement, AIDEA will continue to provide the services listed in Resolution G21-09 with the focus on gathering relevant information to progress the engineering design to inform the cost estimate. Those services were procured with contracts in place through 2024 and are not repeated here.

Table 1: Proposed Expenditures

<b>Work Component</b>	<b>2022/23 Budgetary Estimate</b>
Task 1: Program Management	\$2,333,000.00
Task 2: Communications	\$250,000.00
Task 3: Stakeholder Outreach	\$660,000.00
Task 4: Design, H&H and Survey	\$4,600,000.00
Task 5: Geotechnical	\$5,475,000.00
Task 6: Facilities	\$600,000.00
Task 7: Cultural Resources	\$5,100,000.00
Task 8: Environmental and Permitting	\$1,100,000.00
Task 9: ICE & Support	\$600,000.00
Task 10: Logistics	\$8,750,000.00
Task 11: Access Agreements & ROW	\$341,000.00
Task 12: CMGC	\$800,000.00
<b>Estimated Budget Total</b>	<b>\$30,609,000.00</b>

Table 2 Expenditures through Dec 2021 and forecast through April 30, 2022

2021-2022 Budget to Actuals				
Task	Description	Revised Budget 2021	Actuals Thru Dec	Forecasted through Apr 30, 2022
1	Program Management	\$ 501,751.00	\$ 289,373.06	\$ 925,497.06
2	Communications	\$ 250,000.00	\$ 113,194.71	\$ 180,694.71
3	Stakeholder Outreach	\$ 93,917.00	\$ 58,215.49	\$ 287,619.49
4	Design, H&H and Survey	\$ 2,189,688.00	\$ 1,002,033.56	\$ 2,162,309.56
5	Geotechnical	\$ 750,000.00	\$ 210,452.68	\$ 2,046,812.68
6	Facilities	\$ 50,938.00	\$ 37,075.51	\$ 202,075.51
7	Cultural Resources	\$ 2,100,000.00	\$ 863,973.20	\$ 1,741,292.84
8	Environmental and Permitting	\$ 300,000.00	\$ 62,731.57	\$ 262,731.57
9	ICE and Support	\$ 214,375.00	\$ 104,292.40	\$ 264,292.40
10	Logistics	\$ 5,908,331.00	\$ 2,146,749.01	\$ 3,846,749.01
11	Access Agreements	\$ 515,000.00	\$ 371,160.27	\$ 847,914.89
12	CMGC	\$ -	\$ -	\$ -
	<b>Total</b>	<b>\$ 13,000,000.00</b>	<b>\$ 5,341,006.08</b>	<b>\$ 12,767,989.72</b>

## STAKEHOLDER ENGAGEMENT

Significant progress was made to comply with the Joint Record of Decision requirements on stakeholder engagement. A highlight has been the successful establishment of the Subsistence Advisory Committee (SAC) which held its first meeting on January 11, 2022. The subsistence way of life is a time-honored tradition that connects Alaska Native families and communities with the land, fish, and wildlife. To better understand subsistence priorities along the proposed access road, the AAP, along with Doyon and NANA, began organizing this committee in May 2021. The SAC is chaired by Fred Bifelt and Larry Westlake with elder representatives from the native villages of Allakaket, Huslia, Alatna, Hughes, Kobuk, Shungnak, Noorvik, Kiana, Ambler, and Evansville.

Enhanced focus on workforce development in the region of the project is well underway, with nearly fifty jobs for area residents identified as being necessary for the 2022 field season. The stakeholder outreach effort was increased to accommodate the Subsistence Advisory Committee and the Workforce Development working group, which are made up of affected village residents, Doyon, and NANA corporation support. The Workforce Development group is focused on not

only summer seasonal work but year round support, job progression into the next phases of the project, and on into operations and maintenance with a view to the life cycle of the project. This crosses many skill areas from labor and craft through professional careers.

## CONTRACTORS & MINORITY BUSINESS ENTERPRISE UPDATE

As part of the Board's adoption of Resolution No. G21-09, a Professional Services Procurement Procedure was established under the Development Agreement to promote competitive proposal principles and allow multiple service providers to propose work with reasonable and equitable opportunities to participate in AAP's procurement process. In dividing the professional services required to complete the pre-development and feasibility requirements under the Development Agreement, AAP contracted with a total of 42 Alaska Prime and Sub-service providers during 2021 through 2024. There are 34 distinct service providers amongst all tasks.

Table 3: AAP Contractors

Consultants on AAP											
#	Description of Contract	Contract #	Prime Consultant	Sub 1	Sub 2	Sub 3	Sub 4	Sub 5	Sub 6	Sub 7	Total
1	Stakeholder Outreach	211000	KUNA	HDR	Kathy Mayo & Associates						3
2	Design, HH and Survey	211001	HDR	KUNA	MBI	PDC-RESPEC	R&M				5
3	Environmental Permitting	211002	HDR	KUNA	Stantec	Owl Ridge					4
4	Cultural Resources	211003	NLURA	DOWL	KUNA	ASRC	Kcorp				5
5	Communications Manager	211006	Bloom Comm								1
6	ICE and Support	211087	MBI	NANA/Worley	Stanton Constructability	Powell Project Resources					4
7	Geotechnical Investigations	211026	PND	Onyx Drilling	UAF	SAE Exploration	3rd Rock Consulting	Kcorp	Gugro GeoServices		7
8	Logistics	211128	RECON	Tempesco	Maritime	Alpine	Pathfinder	Wright Air Service	NMS	Kcorp	8
9	Facilities Design	211129	KUNA	NANA/Worley	Golder Associates						4
10	CMGC	TBD		TBD							1
	<b>Total</b>										<b>42</b>

AAP's Professional Services Procurement Procedure also incorporated a Minority Business Enterprise (MBE) program to encourage minority Alaskan owned companies to submit proposals as both Prime and Sub-service providers. Scoring criteria was weighted to encourage MBE inclusivity.

Table 4: Minority Business Enterprise Summary

MBE Summary Table (as of 12/31/21)						
Task	Task Description	AIDEA MBE Goal	MBE % Proposed	MBE % of Contract	MBE % to Actuals (*)	Note
1	Project Administration	N/A	N/A	N/A	N/A	
2	External Communications Manager	35%	100%	100%	35%	
3	Stakeholder Outreach	35%	100%	100%	63%	
4	Design, H&H and Survey	10%	20%	19%	13%	
5	Geotechnical Investigation & Design	15%	15%	0%	0%	1
6	Facilities Design	15%	100%	100%	43%	
7	Cultural Resources	35%	35%	61%	25%	
8	Environmental Permitting	35%	35%	0%	4%	
9	Outreach and ICE	15%	15%	0%	0%	2
10	Logistics	35%	35%	18%	16%	3
11	Access Agreements	N/A	N/A	N/A	N/A	
12	ROW	N/A	N/A	N/A	N/A	
13	CMGC	TBD	TBD	TBD	TBD	
	<b>Total (Weighted Averages)</b>	<b>25%</b>	<b>32%</b>	<b>30%</b>	<b>16%</b>	

Notes

- \* Calculated by dividing actual amount invoiced by MBE (as of 12/31/21) and total amount of committed to Contract
- 1 Will not meet 15% MBE commitment due to change from overland winter program to helicopters.
- 2 15% is estimated to be achieved when ICE work is started in late 2022.
- 3 35% Commitment is for Staffing and not expenses (Helicopters, Fuel etc...)



To meet the qualifications under the MBE program, competitive sealed proposals were received containing a description of the work that the MBE service provider was to complete and included the percentage of work that will be performed by the MBE service provider over the life of the contract. Table 4 MBE Summary above outlines the MBE component goal per task, the percentages of MBE per task as contracted and the percentage achieved to date.

### **AIDEA MISSION**

AIDEA's purpose is to promote, develop, and advance the general prosperity and economic welfare of the people of Alaska. The opening of new areas for natural resource development through the construction of access roads and/or transportation corridors is important in supporting economic development in connection with the extraction, transportation, and production of timber, metals, minerals, hydrocarbons, petroleum products, and other resources.

Under AS 44.88.010(a)(4), the legislature found and determined that the development and financing of industrial development and facilities “are essential to the development of the natural resources and the long-term economic growth of the state and will directly and indirectly alleviate unemployment in the state...”. An industrial road that provides access to a mining district is the type of development that AIDEA was established to pursue.

Development of the Project by AIDEA is anticipated to bring benefits to the region and to the State of Alaska by diversifying the economy and providing job opportunities to Alaskans. As a result, the Amber Access Project is in the public interest and serves a public purpose by creating access to the Ambler Mining District. Based upon an Impacts Report dated June 28, 2019 by the University of Alaska, economic and job growth benefits to the region and state include:

1. Creation of over 3,000 total (direct, indirect, and induced) jobs and over \$230 million in total wages during construction of the Project;
2. An additional 2,400 total jobs and over \$195 million in total wages during mine construction;
3. The combined operation of the Project and associated mines supporting roughly 1,800 total jobs with nearly \$137 million in total wages; and
4. Benefits directly to local communities along the Project route such as broad band internet, and lower cost fuel and goods; and
5. Significant new revenues for both local and State governments.

### **ARCTIC INFRASTRUCTURE DEVELOPMENT FUND**

The March 27<sup>th</sup>, 2020, Board Resolution G20-11 authorized the transfer of \$35 million from the Revolving Fund to the AIDF, subject to further action by the Board to expend any funds from the AIDF. The statute establishing the AIDF is AS 44.88.810, which provides for this type of transfer and provides that the monies in the AIDF are separate from those in the Revolving Fund.

Under AS 44.88.820, the use of the fund balance in the AIDF is to be used for “Arctic infrastructure development”. The Project is an infrastructure development project located north of the Arctic Circle and Board Resolution G20-11 declared the Project to be an Arctic infrastructure

development under AIDF. The proposed controlled-access industrial road is designed to provide a route to allow entry to the Ambler Mining District for both mining exploration and mine development and operations. AIDEA may expend money from the AIDF for this development and to finance such projects. AS 44.88.800 states that the Arctic infrastructure development program is created in the authority to promote and provide financing for Arctic infrastructure development.

As set forth in AS 44.88.830, the authority may use the AIDF to finance Arctic infrastructure development. The fund monies may also be used to acquire real or personal property by purchase, transfer, or foreclosure when the acquisition is necessary to protect the authority's interest in financing. AS 44.88.830(a)(2). There is also authority to enter into agreements for the transfer and control of infrastructure, facilities, rights-of-way, and studies (AS 44.88.830(a)(5)) and to contract for services with a professional advisor, including an attorney, bond counsel, engineer, or other technical expert necessary to fulfill the purposes of the program (AS 44.88.830(a)(6)).

### **BACKGROUND ON THE AMBLER ACCESS REQUEST**

The Project is based on the filing of the SF-299 Alaska National Interest Lands Conservation Act ("ANILCA") right-of-way application for an approximately 200-mile industrial access road from the Dalton Highway to the Ambler Mining District in northwest Alaska. In 2009, the Alaska Department of Transportation and Public Facilities ("DOT&PF") began evaluating multiple road and railroad routes that could provide access to the Ambler Mining District. Access to the District was assessed for both east and west alignments to the District. As a result of these studies, a potential corridor was identified that would connect the Dalton Highway to the Ambler Mining District by traversing the Gates of the Arctic National Park and Preserve.

In 2013, the project was transferred from DOT&PF to AIDEA. Subsequent to starting the road permitting, AIDEA applied with the BLM for an Environmental Impact Statement ("EIS"), the process of which began in March of 2017. BLM released a draft EIS for the project on August 23, 2019 and issued the Final EIS on March 27, 2020. A Joint Record of Decision was issued by the BLM and U.S. Army Corps of Engineers on July 23, 2020 together with a decision by the Secretaries of Interior and Transportation to approve a route through the Gates of the Arctic National Park and Preserve based on an Environmental and Economic Analysis of the route prepared by the National Park Service ("NPS") under Title II and Title XI of ANILCA. Rights-of-way permits were issued by the BLM for BLM-managed lands along the approved route and by the NPS, for the portion of the road crossing the Gates of the Arctic National Park and Preserve.

### **RECOMMENDATION**

AIDEA staff recommends that the Authority (i) approve both the 2022 Project Plan and the 2022 Project Plan Budget and (ii) authorize the Authority to spend up to \$30,800,000 from the AIDF in conjunction with Ambler Metals reimbursing AIDEA for \$15,400,000 in expenditures to carry out the work described in the 2021 Project Plan based upon the 2021 Project Plan Budget.

With the Board's approval, AIDEA's Executive Director will include the budget items described above in the quarterly reports to the Board on pre-development projects.

**ATTACHMENTS**

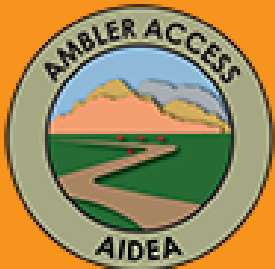
- 1. Exhibit A 2022 Project Plan Budget**
- 2. Exhibit B 2023 Estimate of Expenditures**



# AMBLER ACCESS PROJECT

## 2021 Field Season Recap + 2022 Field Season Plan Overview

January 2022



**DAVE HEIMKE**

Interim Ambler Access Project  
Program Manager

# 2021 PROJECT + FIELD WORK HIGHLIGHTS

## Cultural Resources Crews

Aug. 3 – Sept. 24

## Design Logistics & Site Reconnaissance Trips

Aug. 22 – Aug. 23

Aug. 28 – Sept. 2

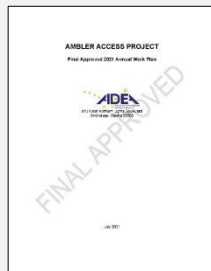
## Survey and H&H Data Collection

Sept. 11 – Sept. 24: H&H Crews

Sept. 11 – Oct. 4: Survey Crews

## Task Orders

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



**DETAILED 2021  
WORK PLAN**



**ON-SITE EDUCATION  
TRIBAL LIAISON PROGRAM**



**IMPORTANT RESEARCH +  
FINDINGS**

**Over 4,800 Hours of Safe Fieldwork**



Gathering data, implementing the Cultural Resource Management Plan, and following the EIS Programmatic Agreement without a safety incident.

*\*Does not include ADF&G hours*

# 2021 HIGHLIGHTS BY THE NUMBERS

10



Conducted surveys and performed hydraulic and hydrology reconnaissance at 10 bridge locations

22



Fish habitat study data collected at 22 sites

691



Surveyed 691 acres for cultural resources

5



Tribal liaisons consisting of Doyon and NANA shareholders

10 out of 112



10 shovel test pits were positive and 112 were negative for cultural material.

8



New Alaska Heritage Resource Survey sites were identified

1



1 known Alaska Heritage Resource Survey site boundary was documented within the direct area of potential effect.

15



Installed over 15 stream gauges and collected key data

# 2021 PROGRAM HIGHLIGHTS

## 2021 ANNUAL FIELDWORK REPORT

- 103 pages of information with significant research and findings

## TRIBAL LIAISON PROGRAM ESTABLISHED

NAME	CORPORATE AFFILIATION	TRIBAL AFFILIATION
Audrey Bifelt	Doyon	Huslia
Fred Bifelt	Doyon	Huslia
Vincent Simon	Doyon	Allakaket
Dixie Dayo	Doyon	Not Disclosed
Eva Sheldon	NANA	Kobuk





# CULTURAL RESOURCE SURVEY HIGHLIGHTS

LAND MANAGER	SURVEY METHOD	HECTARES	ACRES
BLM	Aerial	21.03	51.96
	Pedestrian	58.65	144.93
	Pedestrian/Aerial	2.42	5.98
<i>BLM Total</i>		<b>82.09</b>	<b>202.86</b>
Doyon	Aerial	1.27	3.14
	Pedestrian	77.98	192.68
	Pedestrian/Aerial	30.78	76.08
<i>Doyon Total</i>		<b>110.04</b>	<b>271.97</b>
NPS	Pedestrian	17.44	43.10
	Pedestrian/Aerial	9.11	22.51
<i>NPS Total</i>		<b>26.55</b>	<b>65.62</b>
NANA	Aerial	1.04	2.57
	Pedestrian	8.16	20.16
<i>NANA Total</i>		<b>9.20</b>	<b>22.73</b>
State	Aerial	7.25	17.92
	Pedestrian	35.61	87.98
	Pedestrian/Aerial	8.95	22.10
<i>State Total</i>		<b>51.80</b>	<b>128</b>
<b>Grand Total</b>		<b>279.69</b>	<b>691.112</b>

**691 Acres Surveyed**

**28 Test Areas**

**122 Shovel Tests Pits**



# 2021 STAKEHOLDER OUTREACH



## **Subsistence Advisory Committee**

Working group and formal committee established.  
October 19, 2021 and December 9, 2021



## **Workforce Development Working Group**

Working group established.  
October 19, 2021 and December 9, 2021



## **Visits To Allakaket + Alatna**



## **New Website for PC, Mobile Devices**



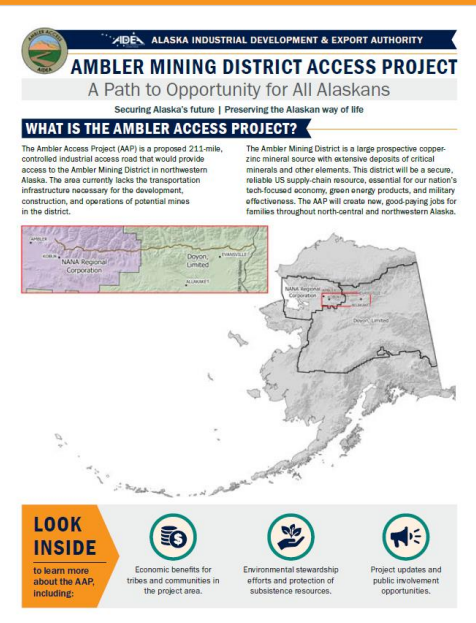
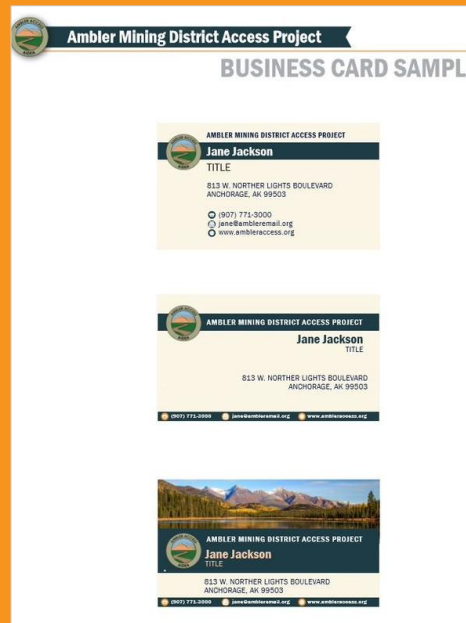
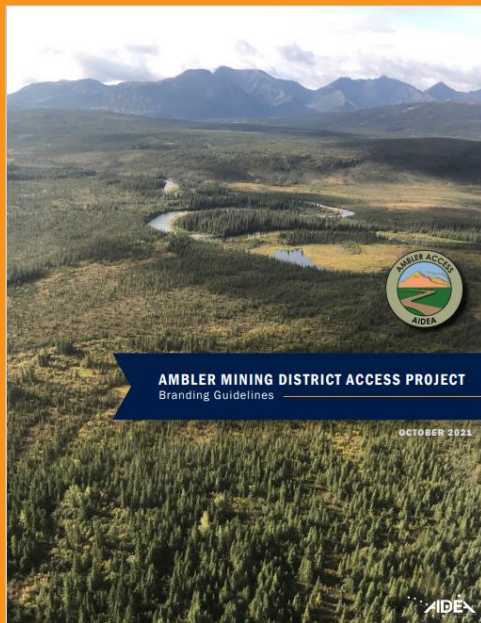
## **Email Correspondence System**



## **SOAR Communication Database**



# 2021 STAKEHOLDER OUTREACH



**Project Brand Guide**

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

**Brochure and Subsistence Advisory Group materials**  
(templates, membership forms, etc)

# Q1 2022

## IMPORTANT DATES

**Jan. 7 & 8** Kobuk, Shungnak, Ambler, and Kobuk community meetings

**Jan. 11 & 12** SAC Meeting (Jan. 11) and both SAC and Workforce Development Working Group Meeting (Jan. 12)

**Jan. 20 & 21** Job Fair in Allakaket and Alatna

**Jan. 24 - 28** Hughes and Huslia community meetings

**Feb. 1** Annual work plan to BLM

**March – May:**

- Spring break-up studies at potential bridge crossings
- Geotechnical investigations at Wild, John, and Koyukuk rivers
- Helicopter landing zone preparation for 2022 field season



# UPCOMING ACTIVITIES



## Cultural Resources

Continue field surveys in prioritized areas.



## Geotechnical Investigations

Characterize subsurface conditions of the riverine environment, general soil characteristics along alignment, and assess viability of material sites. Borings at 45 river crossings, 11 material sites and 10 roadway sites along alignment. Summer and winter activities planned.



## H+H Investigations

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



## Land Survey Activities

Establish land ownership boundaries, bodies of water, and major design features; survey Northwest Arctic Borough boundary; survey alignment over 4 months for land ownership and project features.



## Roadway Design

Establish project design criteria, advance preliminary engineering to 35% design.



## Fish Habitat Studies

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.



## Wetland Investigations

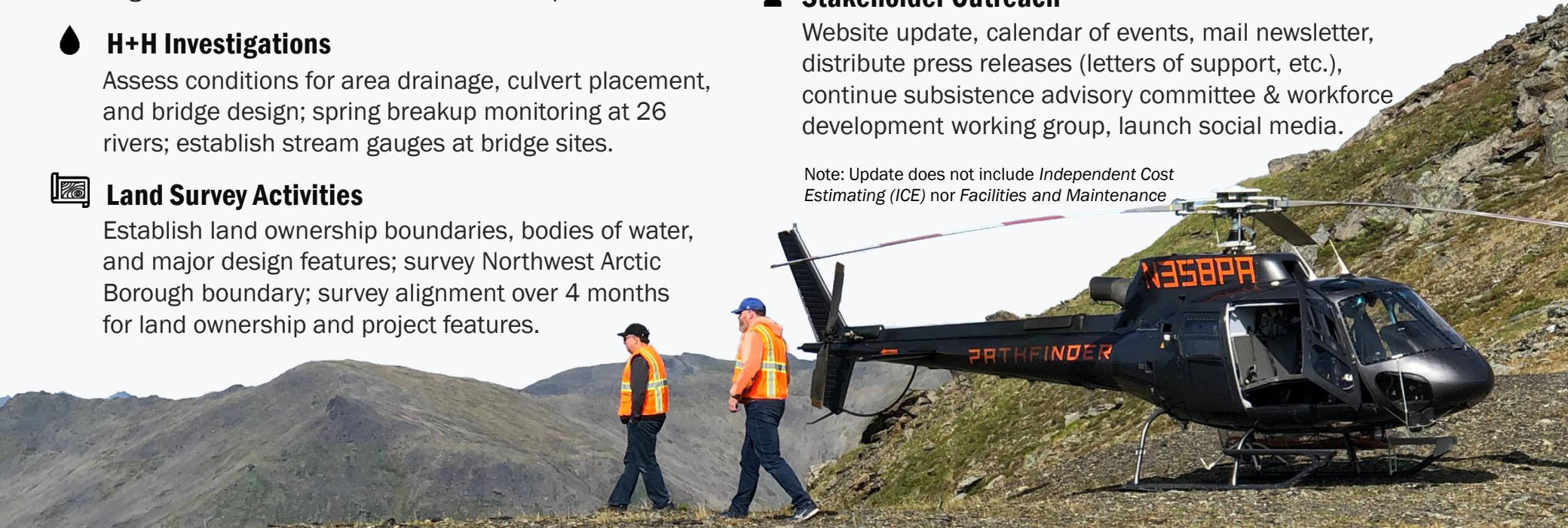
Field evaluation of eastern 50 miles of alignment; survey for wetlands and waters of the U.S.; invasive species, if found; sensitive plant species, if found.



## 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.

Note: Update does not include *Independent Cost Estimating (ICE)* nor *Facilities and Maintenance*



# CURRENT PRIORITIES + NEXT STEPS



## Local Hire for 2022 Field Season

Job fairs in local communities



## Preliminary Engineering Review (PER)



## Implement 2022 Field Studies to Support FEED

**1** NTP for 2022 Q1 task orders

**2** Update work plans and master schedule

**3** Continue weekly progress reports, project communication and collaboration, and reach task order milestones for Q1