

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
RIGHT-OF-WAY GRANT

Issuing Office

Serial Number

1. A (right-of-way) (permit) is hereby granted pursuant to:

- a. Title V of the Federal Land Policy and Management Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
- b. Section 28 of the Mineral Leasing Act of 1920, as amended (30 U.S.C. 185);
- c. Other (*describe*) _____

2. Nature of Interest:

- a. By this instrument, the holder _____ receives a right to construct, operate, maintain, and terminate a _____ on public lands (or Federal land for MLA Rights-of-Way) described as follows:

- b. The right-of-way or permit area granted herein is _____ feet wide, _____ feet long and contains _____ acres, more or less. If a site type facility, the facility contains _____ acres. **This is total acres for road only**
- c. This instrument shall terminate on _____, _____ years from its effective date unless, prior thereto, it is relinquished, abandoned, terminated, or modified pursuant to the terms and conditions of this instrument or of any applicable Federal law or regulation.
- d. This instrument may may not be renewed. If renewed, the right-of-way or permit shall be subject to the regulations existing at the time of renewal and any other terms and conditions that the authorized officer deems necessary to protect the public interest.
- e. Notwithstanding the expiration of this instrument or any renewal thereof, early relinquishment, abandonment, or termination, the provisions of this instrument, to the extent applicable, shall continue in effect and shall be binding on the holder, its successors, or assigns, until they have fully satisfied the obligations and/or liabilities accruing herein before or on account of the expiration, or prior termination, of the grant.

3. Rental:

For and in consideration of the rights granted, the holder agrees to pay the Bureau of Land Management fair market value rental as determined by the authorized officer unless specifically exempted from such payment by regulation. Provided, however, that the rental may be adjusted by the authorized officer, whenever necessary, to reflect changes in the fair market rental value as determined by the application of sound business management principles, and so far as practicable and feasible, in accordance with comparable commercial practices.

4. Terms and Conditions:

- a. This grant or permit is issued subject to the holder's compliance with all applicable regulations contained in Title 43 Code of Federal Regulations parts 2800 and 2880.
- b. Upon grant termination by the authorized officer, all improvements shall be removed from the public lands within _____ days, or otherwise disposed of as provided in paragraph (4)(d) or as directed by the authorized officer.
- c. Each grant issued pursuant to the authority of paragraph (1)(a) for a term of 20 years or more shall, at a minimum, be reviewed by the authorized officer at the end of the 20th year and at regular intervals thereafter not to exceed 10 years. Provided, however, that a right-of-way or permit granted herein may be reviewed at any time deemed necessary by the authorized officer.
- d. The stipulations, plans, maps, or designs set forth in Exhibit(s) _____, dated _____, attached hereto, are incorporated into and made a part of this grant instrument as fully and effectively as if they were set forth herein in their entirety.
- e. Failure of the holder to comply with applicable law or any provision of this right-of-way grant or permit shall constitute grounds for suspension or termination thereof.
- f. The holder shall perform all operations in a good and workmanlike manner so as to ensure protection of the environment and the health and safety of the public.

IN WITNESS WHEREOF, The undersigned agrees to the terms and conditions of this right-of-way grant or permit.

(Signature of Holder)

(Signature of Authorized Officer)

(Title)

(Title)

(Date)

(Effective Date of Grant)

Exhibit A
Ambler Road Right-of-Way Grant F-97112
Stipulations

Table of Contents

1.0	General.....	3
1.16	Protection of Survey Monuments.....	4
2.0	Prior to receiving a Notice to Proceed (NTP)	5
2.4	Survey and Boundary Delineation	5
2.6	Bond	6
2.7	Consultation.....	6
2.8	Plans of Development.....	6
2.9	Cultural Resources	7
2.10	Additional Facilities	7
2.11	Socioeconomics.....	8
2.12	Permafrost	8
2.13	Stream Crossings.....	8
2.14	Naturally Occurring Asbestos.....	8
2.15	Acid Rock Drainage	8
2.16	Paleontological Resources	9
2.17	Spill Prevention Control and Countermeasure Plan.....	9
2.18	Invasive and Special Status Species	9
2.19	Timber	9
2.20	Wildlife Interaction	10
2.21	Visual Resource Management	10
2.22	Noise	10
2.23	Dust	10
2.24	Revegetation	11
2.25	Public Access	11
2.26	Monitoring	11
2.27	Closure/Reclamation.....	12
3.0	Construction Through Reclamation	12

3.5	Amendments to ROW Grant and Land Use Permits	13
3.6	Public Health	13
3.7	Construction Camps and Maintenance Stations.....	13
3.8	Waste	14
3.9	Fire	14
3.10	Visual Resource Management	15
3.11	Materials	15
3.12	Timber	15
3.13	Vegetation Clearing/Migratory birds	16
3.14	Hazardous Materials and Petroleum, Oil, & Lubricants.....	16
3.15	Spill Prevention and Response.....	17
3.16	Invasive Species	17
3.17	Water Bodies.....	17
3.18	Wetlands	18
3.19	Floodplains	18
3.20	Subsistence	19
3.21	Wildlife	19
3.22	Revegetation	19
3.23	Access.....	20
3.24	Closures.....	20
3.25	Reporting.....	20
4.0	Closure and Reclamation	21

1.0 General

- 1.1** The Holder shall construct, operate, and maintain the facilities, improvements, and structures within this right-of-way in strict conformity with this grant. Any relocation, additional construction, or use that is not in accord with the approved plans of development, shall not be initiated without the prior written approval of the Authorized Officer (AO). An electronic or hard copy of the complete right-of-way grant, including all stipulations and approved plans of development, shall be made available on the right-of-way area during construction, operation, and termination to the AO. Noncompliance with the above will be grounds for an immediate temporary suspension of activities if it constitutes a threat to public health and safety or the environment.
- 1.2** The Holder's proposed design features, and Bureau of Land Management (BLM) adopted mitigation measures listed in the BLM Joint Record of Decision (JROD) for the Ambler Road Final Environmental Impact Statement (JROD Appendices C, D, and G) shall be incorporated by reference into the Holder's Plan of Development (POD).
- 1.3** The Holder shall submit an application for a Land Use Permit to the AO pursuant to 43 CFR § 2920 for any ground disturbing activities that are not covered in the original right-of-way grant.
- 1.4** The Holder shall contact the AO at least 90 days prior to the anticipated start of construction and/or any surface disturbing activities. The AO may require and schedule a preconstruction conference with the holder prior to the holder's commencing construction and/or surface disturbing activities on the right-of-way. The holder and/or its representative shall attend this conference. The holder's contractor, or agents involved with construction and/or any surface disturbing activities associated with the right-of-way, shall also attend this conference to review the stipulations of the grant including the plans(s) of development.
- 1.5** The holder shall designate a representative(s) who shall have the authority to act upon and to implement instructions from the AO. The holder's representative shall be available for communication with the AO within a reasonable time when construction or other surface disturbing activities are underway.
- 1.6** The AO may suspend or terminate in whole, or in part, any Notice to Proceed (NTP) which has been issued when unforeseen conditions arise which result in the approved terms and conditions being inadequate to protect the public health and safety or to protect the environment.
- 1.7** The Holder's road user program will include education and training on all right-of-way grant stipulations that apply to drivers. The Holder will maintain records of driver's education and training and make the records available to BLM or other jurisdictional agencies on request. No drivers will be allowed to use the road without documented education and training.
- 1.8** The Holder shall be liable for damage or injury to the United States to the extent provided by 43 CFR Sec. 2807.12. The Holder shall be held to a standard of strict liability for damage or injury to the United States resulting from fire or soil movement (including landslides, slumps, and fluvial or aeolian sediment deposition) caused or substantially aggravated by any of the following within the right-of-way grant area in connection with Holders use and occupancy of the right-of-way grant area:

- 1.8.1 Activities of the Holder including, but not limited to, construction, operation, maintenance, and termination of the facility.
- 1.8.2 Activities of other parties in connection with Holders use and occupancy of the right-of-way grant area, including, but not limited to:
 - a. Land clearing and logging;
 - b. Earth-disturbing and earth-moving work;
 - c. Blasting; and
 - d. Vandalism and sabotage.

The maximum limitation for such strict liability damages shall not exceed the amount determined pursuant 43 CFR Sec. 2807.12(b)(4) for any one event, and any liability in excess of such amount shall be determined by the ordinary rules of negligence of the jurisdiction in which the damage or injury occurred. This section shall not impose strict liability for damage or injury resulting primarily from an act of war or from the negligent acts or omissions of the United States.

- 1.9 The Holder shall observe all applicable Federal, State, and local laws, and regulations.
- 1.10 The Holder shall comply with State standards for public health and safety, environmental protection and siting, construction, operation, and maintenance when those standards are more stringent than Federal standards.
- 1.11 All construction and operations activities shall be conducted with due regard for good resource management and in such a manner as not to block any stream or drainage system; change the character or course of a stream; cause the pollution of any stream, lake, wetland, or land area; or cause pollution of the air, except as authorized by the appropriate federal or state agencies.
- 1.12 The Holder shall post in black font the Bureau of Land Management serial number **F-97112** assigned to this ROW Grant at the location of any above ground facilities.
- 1.13 The Holder shall provide to the BLM copies of any permits required by any other Federal or State agencies with jurisdiction prior to receiving an NTP with surface disturbing activities on BLM-managed lands.
- 1.14 The Holder will comply with all terms listed in the Section 106 Programmatic Agreement (PA). This includes, but is not limited to, completing inventory of historic properties within the area of potential effects (36 CFR 800.4); assessment of adverse effects (36 CFR 800.5); and resolution of adverse effects (36 CFR 800.6). Holder shall maintain compliance with the PA throughout the term of this grant. The PA is attached as Exhibit B.
- 1.15 No signs or advertising devices will be placed on the lands authorized by the right-of-way grant or on adjacent public lands, except those posted by or at the direction of the AO. Authorized road and traffic signs shall comply with the Manual on Uniform Traffic Control Devices: <https://mutcd.fhwa.dot.gov/>.
- 1.16 **Protection of Survey Monuments**
 - 1.16.1 The Holder shall mark and protect all survey monuments found within the authorized area. Survey monuments include, but are not limited to, General Land Office and BLM Cadastral

Survey Corners, reference corners, witness points, U.S. Coastal and Geodetic benchmarks and triangulation stations, military control monuments, and recognizable civil (both public and private) survey monuments. All points where the road enters, on which the road is located, and where it leaves federal interest lands shall be documented. If the road centerline falls within 1,320 feet of an existing monument, its position will be measured, and its relationship shown relative to the centerline.

- 1.16.2 Evidence of the Public Land Survey System (PLSS) and related Federal property boundaries will be identified and protected prior to commencement of any ground-disturbing activity. This will be accomplished by contacting BLM Cadastral Survey to coordinate data research, evidence examination and evaluation, and locating, referencing, or protecting monuments of the PLSS and related land boundary markers from destruction. In the event of obliteration or disturbance of the Federal boundary evidence the responsible party shall immediately report the incident, in writing, to the Authorized Officer. BLM Cadastral Survey will determine how the marker is to be restored. The responsible party shall pay for all survey, investigation, penalties, and administrative costs.

2.0 Prior to receiving a Notice to Proceed (NTP)

- 2.1 The Holder shall submit a Project Management Schedule for initial construction to the Authorized Officer. This schedule shall be time-scaled and shall include significant activities and contingencies, which may reasonably be anticipated in connection with the project. The Project Management Schedule shall be updated as significant changes occur. The Project Management Schedule shall include:
 - 2.1.1 Permit or authorization priority schedules; and
 - 2.1.2 Pre-construction, construction, and post-construction activities.
- 2.2 The Holder shall not initiate any construction or other surface disturbing activities on the right-of-way without the prior written authorization of the AO. Such authorization shall be a written NTP issued by the AO. Any NTP shall authorize construction or use only as therein expressly stated and only for the particular location or use therein described.
- 2.3 The Holder, shall provide documentation to the AO of coordination with owners of private parcels within one mile of the ROW, including Native Allotments, indicating the parcel owner's stated desires for avoidance or mitigation of road project impacts, and indicating what measures were incorporated in the final design to avoid or mitigate such impacts prior to receiving an NTP. Where parcel owners decline to comment or cannot be reached, documentation of reasonable outreach and coordination efforts shall be considered sufficient.
- 2.4 **Survey and Boundary Delineation**
 - 2.4.1 Prior to receiving a Notice To Proceed, the Holder shall submit to the Authorized Officer for review and approval a Survey and Boundary Delineation Plan that addresses delineation of the construction ROW boundary and the as-built survey of the constructed road in accordance with the BLM Manual of Survey Instructions (2009).
 - 2.4.2 Prior to receiving an NTP, the Holder shall submit to the Authorized Officer for review and approval its method for preventing trespass outside the construction ROW. The Holder may either locate and clearly mark on the ground the exterior boundaries of

the ROW and the location of all related facilities proposed to be constructed as part of that specific construction segment or project, or provide the method and means to use GPS-guided equipment for locating the boundaries of the proposed route and facilities.

- 2.5** The Holder shall, in a manner acceptable to the AO, either locate and clearly mark on the ground the exterior boundaries of the right-of-way and the location of all related facilities proposed to be constructed as part of that specific construction segment or project, or when GPS-guided equipment is the intended mechanism for remaining in the authorized right of way, the Holder shall provide GPS files, and certification that the same files will be used to guide equipment, to the AO for review and approval, prior to receiving an NTP.

2.6 Bond

- 2.6.1** The Holder shall obtain, and submit to the AO, a performance and reclamation bond or other acceptable bond instrument to cover any losses, damages, or injury to human health, the environment, or property in connection with your use and occupancy of the right-of-way, including costs associated with terminating the grant, and to secure all obligations imposed by the grant and applicable laws and regulations.
- 2.6.2** The bond must be maintained in effect until removal of improvements and restoration of the right-of-way have been accepted by the AO. Should the bond delivered under this grant become unsatisfactory to the AO, the Holder, shall, within 30 days of demand, furnish a new bond. Upon completion, or partial completion of related requirements, the AO may terminate or reduce the amount of the bond.
- 2.6.3** The Holder shall submit a new estimate and bond to the AO at any time during the term of the grant if the authorized officer determines that the bond furnished under this authorization is insufficient.

2.7 Consultation

- 2.7.1** The Holder will submit documentation of consultation with affected subsistence communities to the BLM AO within 90 days of approving 90 percent road design at each phase of construction and annually by the end of the calendar year for 2 years following completion of construction of each phase, and at minimum every 5 years thereafter for the life of the project. Reporting will include a list of issues raised during consultation and results of road use monitoring.

2.8 Plans of Development

- 2.8.1** The Holder shall submit subject-specific plans to complete the Plan of Development, pursuant to the design features and mitigation measures detailed in Appendix C and Attachment D-1 and D-2 of the Ambler Road Joint Record of Decision dated July 23, 2020. Overarching plans shall be submitted prior to receiving an NTP for Phase 1, and detailed plans submitted and approved prior to issuing an NTP for constructing each specific phase (1, 2, 3) and reclamation. Plans will describe in detail the construction, operation, maintenance, and termination of the right-of-way and its associated improvements and facilities. Plans shall also include drawings in sufficient detail to enable a complete evaluation of all proposed structures, facilities, landscaping, and measures the Holder will deploy to ensure compliance with the requirements of the grant and to ensure visual compatibility with the site. These drawings shall be the construction documents and must

show dimensions, materials, finishes, etc. to demonstrate compliance with all requirements. The plans will be reviewed, and if appropriate, modified and approved by the AO. An approved Plan of Development shall be made a part of the right-of-way grant prior to the AO granting an NTP. Plans can be grouped as desired by the Holder but are required to address the following subject areas:

- a. Financing
- b. Culvert Adaptive Management
- c. Stormwater Pollution Prevention
- d. Plans required under the Section 106 Programmatic Agreement
- e. Socioeconomics
- f. Permafrost
- g. Stream Crossings
- h. Naturally Occurring Asbestos
- i. Acid Rock Drainage
- j. Paleontological Resources Management
- k. Waste Management
- l. Spill Prevention Control and Countermeasure Plan (SPCCP)/Spill
- m. Invasive Species Prevention and Management Plan (ISPMP)
- n. Timber Clearing, Salvage, and Utilization
- o. Wildlife Interaction
- p. Meat Recovery
- q. Visual Resources
- r. Noise Management
- s. Dust Control
- t. Revegetation
- u. Public Access/Road User
- v. Monitoring
- w. Air Quality
- x. Records
- y. Closure
- z. Reclamation

2.8.2 Noncompliance as determined by the AO with the above will be grounds for an immediate temporary suspension of activities or termination of the right-of-way grant if such noncompliance constitutes a threat to public health and safety or the environment.

2.9 Cultural Resources

2.9.1 The Holder must meet the necessary requirements of the Programmatic Agreements (PA), per PA Stipulation IX.A or IX.B, prior to receiving an NTP.

2.9.2 The Holder will provide evidence to the BLM AO that it has consulted with local communities and tribes, or made reasonable attempts such as letter, telephone calls and emails, to seek ways to minimize or mitigate impacts to places of traditional cultural importance located along the ROW that do not meet the criteria of a historic property. In the event a community or tribe declines consultation, AIDEA shall provide documentation of the outreach and declination.

2.10 Additional Facilities

2.10.1 The Holder shall apply for any additional facilities (Mineral Material Sites, construction

camps, maintenance stations, communication sites etc.) not covered under this right-of-way grant as soon as the plans of development have been approved by the AO.

2.11 Socioeconomics

- 2.11.1 On BLM lands, the Holder shall address effects on socioeconomics by:
- Planning and executing construction activities to minimize, to the extent practicable, impact to high-use tourist and recreation seasons (e.g., river floating, wildlife viewing, hunting, snow machining, dog mushing).
 - Planning and executing construction activities to minimize, to the extent practicable, impacts to local lodges and other businesses (i.e., minimize summer and fall construction in recreational and tourist areas).
 - Identifying and promoting work opportunities for local residents.

2.12 Permafrost

- 2.12.1 The Holder will design and construct the road following standard industry practices to reduce or eliminate permafrost degradation and associated road quality deterioration.

2.13 Stream Crossings

- 2.13.1 All stream crossings will be designed based on site-specific information, such as fish species presence (presence will be assumed if data do not exist), in-stream flows and peak discharge, and floodplain regime. In developing estimates of flows and discharge for crossing design, climate trends will be used to improve the future discharge estimates and delineation of the floodplains.

2.14 Naturally Occurring Asbestos

- 2.14.1 Prior to receiving an NTP with surface disturbing activities, the Holder will submit for approval by the AO a comprehensive plan for minimizing human exposure to NOA. At a minimum, the plan will address the relevant design features in their proposal, qualifications of staff providing oversight for NOA-related activities, testing methods, operating procedures and construction techniques specific to areas containing NOA, documentation of locations where NOA materials are placed, and methods for informing road users and maintenance staff when they are working where NOA materials were used. If such a plan is required by other agencies, then that plan can be provided to the BLM to satisfy this requirement.
- 2.14.2 The Holder will develop and implement a plan to inform workers and residents of communities in the area directly affected by the Ambler Road (communities along the right-of-way corridor), of the occurrence of NOA in road materials, and on the ways to minimize exposure to Naturally Occurring Asbestos (NOA) and so reduce health risk.

2.15 Acid Rock Drainage

- 2.15.1 Geotechnical investigations will include analysis of acid-producing properties of samples collected from material sites, along the road alignment, and at locations of ancillary facilities to identify areas of potential acid rock drainage. Testing also will be done for non-acidic metals leaching. Cuts will be minimized in areas with high potential for acid rock drainage and non-acidic metals leaching. The Holder will provide a protocol for determining when alternative locations will be needed to avoid such areas and, if avoidance is not possible, how cut material and drainage will be handled.

2.16 Paleontological Resources

- 2.16.1 AIDEA will develop and submit a Paleontological Resources Management Plan to the BLM AO for approval. The Plan will include steps to implement in the event of an unanticipated discovery of paleontological resources. The Holder will notify the BLM AO of any inadvertent discovery of paleontological resources with 24 hours. These requirements shall cover the construction and maintenance and reclamation phases of the project as well.

2.17 Spill Prevention Control and Countermeasure Plan

- 2.17.1 The Holder will furnish BLM with a copy of the Spill Prevention Control and Countermeasure Plan (SPCCP), where it is required by 40 CFR 112, and copies of all other plans required by existing State and Federal hazardous materials law (e.g. for transport of mining chemicals, liquefied natural gas, mining ore, etc.).

2.18 Invasive and Special Status Species

- 2.18.1 The Holder will prepare an Invasive Species Prevention and Management Plan (ISPMP) to prevent the introduction and spread of Non-native Invasive Species (NNIS), including terrestrial and aquatic plant and animals at a minimum, the ISPMP will address the following items:
- Compatibility with the current National and State BLM Invasive Species Management Policies.
 - Methods and timeframe for conducting a baseline NNIS assessment prior to initiating surface disturbing activities, and periodic assessments throughout the duration of the authorization.
 - Proposed methods of infestation management. Note that infestation treatment methods are subject to AO approval.
 - Clear procedures for documenting and reporting detections of NNIS.
 - Specific practices, procedures, and Best Management Practices (BMPs) that the Holder will adhere to for preventing the spread of NNIS, such as vehicle and equipment inspection and washing/brushing.
 - A program (procedures, timeframes, and documentation) for training all employees engaged in road construction or maintenance and all drivers allowed to use the road in invasive species awareness and abatement.
 - An adaptive management and monitoring framework to mitigate the introduction and spread of NNIS, including terrestrial and aquatic plants and animals, throughout the duration of the authorization and for at least five growing seasons after completion of reclamation.
- 2.18.2 The Holder will conduct baseline analysis and surveys (if needed) on BLM-managed lands to identify BLM Special Status plant species, prior to conducting surface disturbing activities. The nature and extent of required analysis will be proposed by the Holder for review and approval by the AO.

2.19 Timber

- 2.19.1 The Holder will prepare and submit for approval by the AO a Timber Clearing, Salvage, and Utilization Plan prior to any clearing activity. At a minimum, the plan will address clearing equipment and methods, minimizing risks to public safety, avoiding fire fuel hazards, minimizing forest health risks, skidding, yarding, and decking management to minimize environmental impacts, erosion and sediment control during timber handling operations, timeframes for removal of timber from public lands, and plans, if any, for making timber

available for disposal to the public. All timber clearing will be performed in accordance with the approved plan.

- 2.19.2 Prior to initiating clearing operations on federal land, the Holder will provide the AO with an estimate of the amount of merchantable timber (tree species 5 inches in diameter at breast height or larger), if any, expected to be cut, removed, or destroyed, and will pay the BLM in advance of such construction or maintenance activity, such sum of money as the AO determines to be the full stumpage value of the timber to be cut, removed, or destroyed.

2.20 Wildlife Interaction

- 2.20.1 The Holder will prepare a wildlife interaction plan detailing road design, construction timing, and management of wildlife attractants and human-wildlife interactions. All employees, contractors, and subcontractors, on duty or living at any camp or mobile camp or on the road will be trained and will follow the wildlife interaction plan.
- 2.20.2 The road and ancillary facilities will be designed to minimize impacts on wildlife movement and habitat fragmentation. Where practicable, this will include (but not necessarily be limited to) such measures as: burying infrastructure or facilities that may deter wildlife movement; creating wildlife escapement design features in excavations; siting and orienting infrastructure and facilities to allow for unfettered wildlife movement; and, retaining vegetation to provide screened movement corridors around infrastructure and facilities where safe to do so.
- 2.20.3 The Holder will work with land managers and wildlife agencies to identify construction timing windows to protect wildlife.
- 2.20.4 The Wildlife Interaction Plan will detail how to manage wildlife attractants (food and non-food materials) and respond to human-wildlife interactions. Intentional harassing or feeding wild animals is prohibited. Wildlife includes fish, amphibians, birds, and mammals.

2.21 Visual Resource Management

- 2.21.1 The Holder will identify for BLM review, and incorporate into its project design features, measures to minimize visual impacts from light fixtures. Lighting designs will use the minimum lighting intensity necessary to ensure safety; use localized task lighting; and incorporate measures such as diffusers, lenses, and shielding to reduce nighttime glare, light radiation, and backscatter into the sky.

2.22 Noise

- 2.22.1 The Holder will provide a Noise Management Plan, subject to AO approval, outlining noise reduction methods and features to be used during construction and operation of the right-of-way.

2.23 Dust

- 2.23.1 The Holder will submit a Dust Control Plan, subject to approval by the AO and review by ADEC, that will apply to all project construction and maintenance activities, including but not limited to airstrips, construction and maintenance camps, and material sites. At a minimum, the plan will include: a statement of the expected effectiveness and environmental effects of the proposed palliative options based on available published studies; rationale for selection of palliatives that includes consideration for minimizing

effects on fish, wildlife, vegetation, and water quality; and a dust control prescription (BMPs, palliatives, policies, practices, and methodologies, and general schedules) by activity, season, road segment, and construction phase. Details on palliatives, frequency, and application method will be included in this plan. As a condition of approval for the Dust Control Plan, dust suppressants with ingredients known to be harmful to aquatic organisms will not be used within 328 feet of any fish-bearing stream or higher-value wetlands (i.e., emergent wetlands, moss-lichen wetlands, patterned fens and shallow ponds).

2.24 Revegetation

- 2.24.1 Revegetation activities will be performed in accordance with the Holder's Revegetation Plan, as approved by the AO. In order to minimize the risk of introducing invasive species, the Holder's revegetation plan will rely on use of topsoil with live native vegetation where practicable, and on planting and reseeding as secondary options.

2.25 Public Access

- 2.25.1 The Holder will prepare and submit a Public Access Plan inclusive of construction and operational periods to the AO for review and approval. The plan will include types and locations of ramps and other suitable methods for allowing public access across the road right-of-way for subsistence and local over-snow travel purposes, and for preventing the potential for trespass along the road from crossing sites, road and trail intersections, and other locations. The Holder will make provisions for suitable permanent crossings of the right-of-way for the public where the right-of-way crosses or runs along existing roads, foot trails, winter trails, , easements (including Alaska Native Claims Settlement Act 17b public easements), or other rights-of-way or known routes identified through Holder coordination with subsistence communities in the region and land managers. Details regarding methods of restricting access to project airstrips will be included in the Public Access Plan. Provisions for crossings will be implemented during Phase 1 construction and maintained through all project phases.

2.26 Monitoring

- 2.26.1 The Holder will develop and submit a monitoring plan for approval by the AO. It will demonstrate compliance with the approved plan of operations and other Federal and State environmental laws and regulations, provide early detection of potential problems, and supply information that would assist in directing corrective actions should they become necessary. Where monitoring plans are required under resource-specific stipulations herein, those plans shall be included in this plan. Clearly referenced existing state and federal monitoring plans may be incorporated to avoid duplication by submitting a copy of such plan for AO review and acceptance. Monitoring records will be given to BLM upon request. The monitoring plan will include the following:
- a. A Permafrost Monitoring Plan to detect issues resulting from permafrost disturbance associated with right-of-way activities, at any location in the construction or operating right of way, including spur roads, landing strips, and building pads, with the goal of reducing permafrost degradation by immediate action in response to adverse monitoring results.
 - b. A Culvert Monitoring Plan which will include documentation of culvert locations using a Global Positioning System, and regular monitoring during culvert installation and

through road operations. The plan will identify corrective measures that will be taken if concerns are identified, and timeframes for those measures to be implemented.

Corrective measures may include additional culverts, increasing culvert sizes, adding thaw lines, adding dead-man anchors, or other appropriate measures.

- c. A Non-native Invasive Species Monitoring Plan to track the spread of NNIS, including terrestrial and aquatic plants and animals, throughout the duration of the authorization and for at least five growing seasons after completion of reclamation.
- d. A Caribou Movement Monitoring Plan which will include maintaining a log of herd movement based on location and numbers of animals during times of caribou herd seasonal migration. Records will be maintained and shared annually with ADF&G and the Authorized Officer.
- e. An Air Quality Monitoring Plan to include, at a minimum: methods for determining compliance with applicable State and Federal laws and regulations; methods for monitoring dust impacts at sensitive receptors in communities most directly affected (along the right-of-way corridor) during construction, road maintenance activities, and during road use; methods for monitoring dust production during all activities that involve disturbance of NOA materials; methods for determining the effectiveness of dust control policies, practices, and methodologies implemented; and actions to be taken in response to adverse monitoring results.
- f. A Road and Airstrip Use Monitoring Plan, including numbers of vehicles by vehicle class and trip purpose, authorized and unauthorized.
- g. A Post-Reclamation Monitoring Plan.

2.27 Closure/Reclamation

- 2.27.1 The Holder, in addition to the initial closure and reclamation plan, will submit an updated closure and reclamation plan with each submission of as-built data, at each five year interval for the life of the project, and upon notification of intent to begin closure and reclamation activities.
- 2.27.2 Each closure and reclamation plan will include a requirement to notify any communities authorized to receive goods or services via Holder facilities of the plan and anticipated timelines.

3.0 Construction Through Reclamation

- 3.1 Project camps and facilities are to be used only in support of authorized activities. Other uses, including use by hunters, fishers, tourists, researchers, or employee's friends or family members, are not authorized. This does not preclude providing appropriate emergency assistance to anyone in distress or providing assistance and support to law enforcement or search and rescue personnel if requested.
- 3.2 The Holder will conduct an environmental briefing with all employees, contractors, and subcontractors so they are familiar with the stipulations. The Holder will maintain records of participant names and dates for these briefings and will make such records available to BLM on request. The Holder will ensure that a copy of the stipulations is readily available in either hard copy or electronic format to all employees, contractors/subcontractors, and agency staff at all

crew quarters and offices associated with road operations (e.g., gatehouses, offices at maintenance camps).

- 3.3 When foam is used to insulate the permafrost from thermal degradation, it will be composed of closed-cell extruded polystyrene or other closed cell foams (e.g., blue board) rather than non-extruded expanded polystyrene foam.

- 3.4 The Holder shall submit a Certification of Completion and as-built drawings and survey to the AO, within 60 days after either completing a construction phase/section or placing a facility into operation, as proof of completion of Construction. The as-built drawings and survey will tie the exterior boundary of the ROW area to an established General Land Office and Bureau of Land Management Cadastral Survey Corners, reference corners, witness points, U.S. Coastal and Geodetic benchmarks and triangulation stations, military control monuments, or recognizable civil (both public and private) survey.

3.5 Amendments to ROW Grant and Land Use Permits

- 3.5.1 The Holder shall apply for an amendment to the existing ROW grant for a proposed substantial deviation in location or use.
- 3.5.2 The Holder shall apply for an amendment or Land Use Permit no less than ninety (90) days prior to implementation, unless the Authorized Officer states, in writing, that more time is needed for review and approval.
- 3.5.3 Any Amendments or Land Use Permits may contain site-specific terms

3.6 Public Health

- 3.6.1 The Holder will use only non-persistent and immobile types of pesticides, herbicides, preservatives, and other chemicals. Each chemical to be used and its application constraint will be approved by the BLM prior to use. The use of pesticides and herbicides is regulated by ADEC's Environmental Health Division through 18 AAC 90 and may require a State permit, as well as additional analysis under NEPA prior to use on BLM-managed lands.

3.7 Construction Camps and Maintenance Stations

- 3.7.1 The Holder will ensure that all construction camps, permanent maintenance and operations stations, and all facilities will be located in areas that avoid potential exposure to asbestos or have been constructed to avoid human exposure to asbestos.
- 3.7.2 Construction camps, permanent maintenance and operations stations, and all facilities will be maintained in a sanitary condition, free of loose debris and potential wildlife attractants. Solid waste materials and classes that are bear attractants will be collected in bear-proof containers until hauled away for proper disposal.
- 3.7.3 Construction camps and permanent facilities for maintenance and operations will meet ADEC standards for handling and disposal of solid waste, human waste, gray water, and kitchen sanitation. The Holder will provide waste disposal, gray water, and sanitation plans with sufficient detail to determine that they comply with ADEC guidelines.

- 3.7.4 At construction camps, permanent maintenance and operations stations, and all facilities, or other places of common intended pedestrian traffic, boardwalks or similar measures will be built, used, and properly maintained in areas where repeated trampling will create visible trails or water tracks or will otherwise impede vegetation growth, or the route will be closed and the Holder will ensure that their employees, contractors, subcontractors, observe the closure.
- 3.7.5 The Holder will prohibit its agents, employees, and contractors, and their respective employees, from hunting, fishing, shooting, trapping, using vehicles off-road, or camping, while on duty or living at a camp.
- 3.7.6 The Holder will ensure that their employees, contractors, and subcontractors do not intentionally harass or feed wild animals (including fish, amphibians, birds, and mammals) while on duty or living at any camp or mobile camp. This includes leaving unattended garbage or other potentially edible items that will attract wildlife, including birds.
- 3.8 Waste**
- 3.8.1 The Holder will ensure that all solid waste and garbage, including incinerated ash, is removed from public lands and disposed of in an ADEC-approved waste disposal facility within 90 days of generation.
- 3.8.2 The Holder will ensure that portable toilets are used for human waste disposal and are regularly maintained anywhere construction or maintenance activity is concentrated, such as at material sites.
- 3.9 Fire**
- 3.9.1 The Holder will employ measures from Firewise Alaska (forestry.alaska.gov/Assets/pdfs/home/firewise09.pdf) to prevent wildfires from overtaking maintenance stations and communication towers. The BLM, through the AO, reserves the right to impose restrictions on Ambler Road activities in any area to prevent the cause or spread of wildfire and ensure public safety.
- 3.9.2 Use of open fires in connection with Ambler Road activities is prohibited on BLM-managed land unless approved by the AO and performed in accordance with Federal law. The Holder will require all employees, contractors, subcontractors, and authorized drivers to build no fires except in designated fire rings designed for the purpose.
- 3.9.3 The Holder will report any fires that occur on or near lands subject to the right-of-way grant by calling 911 or 1-800-237-3633 as soon as they become aware of the fire. After the fire is reported, and when it is safe to do so, the Holder will notify the AO of the report and circumstances.
- 3.9.4 The Federal government shall not be held responsible for protection of structures or property from wildfire on authorized improvements in the right-of-way.

- 3.9.5 The Holder will be held financially responsible for Holder actions or activities that result in a wildfire. Costs associated with wildfires include, but are not limited to, damage to natural resources and costs associated with any suppression action taken on the fire.

3.10 Visual Resource Management

- 3.10.1 The Holder will identify for BLM review and incorporate into its project design features and measures to minimize visual impacts from light fixtures. Lighting designs will use the minimum lighting intensity necessary to ensure safety; use localized task lighting; and incorporate measures such as diffusers, lenses, and shielding to reduce nighttime glare, light radiation, and backscatter into the sky.
- 3.10.2 The exterior of structures associated with temporary construction camps and long-term maintenance and operations facilities will be colored covert green, shadow gray, or a similar color unless another color is specified in the project-specific stipulations as depicted on the BLM's Visual Resource Management Standard Environmental Colors Chart. For more information visit: www.blm.gov/programs/recreation/recreation-programs/visual-resource-management
- 3.10.3 Structure profiles will be minimized and structures that protrude above ground level will be constructed in locations not conspicuous on the horizon, to the greatest extent practicable.
- 3.10.4 Other visual impact mitigation measures, subject to consistency with vegetation BMPs, will include:
- a. Maintain a screening of existing natural vegetation between the Ambler Road and its facilities and the Dalton Highway, to the extent practicable.
 - b. Minimize locating Ambler Road facilities, new material sites, and construction or maintenance material stockpiles in areas that will be visible to the public in places with high visual resource value, including, the Dalton Highway corridor, existing communities, and streams used for recreation and transportation.
 - c. Blend the Ambler Road facilities into the natural setting to the extent practicable when crossing or passing near places with high visual resource value, including the Dalton Highway corridor, existing communities, and streams used for recreation and transportation.

3.11 Materials

- 3.11.1 Gravel and other construction materials will not be taken from active stream or riverbeds, active floodplains, lakeshores, or lake outlets without further site-specific analysis and approval of the AO.
- 3.11.2 Excavated materials will not be stockpiled in rivers, streams, 100-year floodplains, or wetlands unless approved by the Authorized Officer.

3.12 Timber

- 3.12.1 The Holder will ensure that removal of timber and other woody vegetation is limited to only that necessary to facilitate activities authorized in the right-of-way grant, and that trees that will not be removed are not damaged.

3.13 Vegetation Clearing/Migratory birds

- 3.13.1 The Holder will ensure that vegetation clearing during all phases of construction will be scheduled to minimize impacts on migratory birds and any other birds on the BLM special status species list (to be provided by BLM and updated periodically). The primary mechanism to avoid and minimize impacts is to conduct vegetation clearing outside of the nesting season (May 1–July 15 for this region). If the Holder chooses to clear vegetation during this timeframe then the Holder will have a qualified biologist survey any area where vegetation will be damaged by the project or associated activities within 48 hours prior to vegetation disturbance. If an active nest is located, an appropriate avoidance area (as determined by the qualified biologist) will be marked and avoided until the biologist determines that the nest has been naturally vacated.

3.14 Hazardous Materials and Petroleum, Oil, & Lubricants

- 3.14.1 The Holder will ensure that all hazardous materials containers, including POL containers, are stored within secondary containment.
- Double-walled tanks will meet secondary containment requirements.
 - When containment other than double-walled tanks is used, the containment area will be lined with an impermeable liner composed of material compatible with the substance(s) to be contained. The liner will be free of cracks or gaps and sufficiently impervious to contain leaks or spills.
 - If the containment is completely under cover of a roof, then the containment volume must be large enough to contain the capacity of the largest container stored within.
 - If the containment is not completely under cover of a roof, then the containment volume must be large enough to contain the capacity of the largest container stored, plus water from a 5-year, 24-hour storm event. The amount of precipitation from a 5-year, 24-hour storm event for a given location can be found at hdsc.nws.noaa.gov/hdsc/pdfs/pfds_map_ak.html.
- 3.14.2 All fuel containers used, including barrels and propane tanks, must be marked with Holder's name, fuel type and purchased or filled date (e.g. GSI, Hydraulic Fluid, June 2020)
- 3.14.3 Refueling equipment and storing/maintaining equipment within 100 feet of the active floodplain of any waterbody is prohibited, except for watercraft and aircraft. Fuel storage stations shall be located outside the 100-year floodplain of waterbodies, unless otherwise approved by the Authorized Officer. The BLM Authorized Officer may allow storage and operations at areas closer than the stated distances if properly designed to account for local hydrologic conditions.
- 3.14.4 During fuel or hazardous substance transfer, the lessee will ensure that a secondary containment or a surface liner is placed under all container or vehicle fuel tank inlet and outlet points, hose connections, and hose ends.
- 3.14.5 Any equipment needing repairs that have the potential to release fluids will be repaired at a designated maintenance station if the equipment can be moved. If such repairs must be conducted in the field, the repairs will be completed over an impermeable liner to ensure fluid migration to the environment does not occur.

3.15 Spill Prevention and Response

- 3.15.1 The Holder shall ensure that all hazardous material spills, including POL spills, are reported to the Alaska Department of Environmental Conservation (ADEC) in accordance with State of Alaska laws and regulations.
- 3.15.2 The Holder shall notify the BLM AO within 48 hours of any spill of a Reportable Quantity (RQ) of hazardous material on BLM lands and provide the ADEC spill report number.
- 3.15.3 Fuel spill kits will be kept on site wherever equipment is working and would be carried by trucks transporting fuel or hazardous fluids on the road. An overpack drum will be kept on site wherever drums are used to store or transfer petroleum or other hazardous materials.
- 3.15.4 The Holder will ensure that all spill containment devices, such as “duck ponds,” liners, and vehicle drip pans, are in use beneath all parked vehicles at all times, and maintained in good working condition at all times. Spill containment devices that are punctured, torn, or worn beyond serviceability will be replaced as soon as feasible, but not more than 48 hours after discovery of the unserviceable condition.
- 3.15.5 The Holder will establish requirements that vehicles used on the road be in good working condition and will do a visual inspection for any signs of leaks.
- 3.15.6 Any cyanide transported along the right-of-way must be transported by a signatory to the International Cyanide Management Code that is certified in Full or Substantial compliance with the Code (<https://www.cyanidecode.org/become-signatory/signatory-and-certification-process>).

3.16 Invasive Species

- 3.16.1 Where practicable, project operations must begin in areas without non-native or noxious weed species, as opposed to initiating activities from areas of infestation.

3.17 Water Bodies

- 3.17.1 When conducting surface disturbing work in the 100 year floodplain of any water body, AIDEA will employ applicable BMPs described in the Alaska Storm Water Guide (dec.alaska.gov/water/wnpspc/stormwater/Guidance.html), with particular attention to the considerations for linear projects identified in the guide.
- 3.17.2 The Holder shall notify the BLM within 48 hours of any observation of dead or injured fish on water source intake screens or in holes used for pumping water and temporarily cease pumping from that hole until additional preventative measures are taken to avoid further impacts to fish.
- 3.17.3 Stream crossings will preserve floodplain connectivity to the greatest extent practicable, for example by measures such as setting the invert for overflow culverts at the same grade level as the floodplain, distributing the overflow culverts to match the flood-flow patterns in the floodplain, etc.
- 3.17.4 Mobile ground equipment will not be operated in or on lakes, streams, or rivers on BLM-managed land except when ice thickness is adequate to support the equipment without

altering the stream bed or displacing water outside the stream channel, unless specifically approved by the AO.

- 3.17.5 Snow ramps or snow bridges and ice thickening used during construction at watercourse crossings will be substantially free of soil and/or debris. The ramps and/or bridges will be breached upon completion of the winter construction season before spring snowmelt begins.
- 3.17.6 Caissons, coffer dams, or other methods will be used for in-water drilling or pile driving to keep work areas separate from surface waters, to protect water quality. If any drilling muds were used for geotechnical drilling, bridge pile drilling, or other drilling, muds will be kept separate from any surface water.
- 3.17.7 Where practicable, a 100-foot undisturbed vegetation buffer will be maintained along any ponds, lakes, creeks, rivers or higher-value wetland (patterned fens, emergent wetlands, and moss-lichen wetlands), unless site-specific conditions warrant an exception. Any exceptions must be approved by the AO. The buffer width will start from the edge of the riparian area associated with waterbodies or from the edge of higher value wetland.
- 3.17.8 No fuel storage or refueling of equipment will be allowed within the floodplain of a river or lake, unless approved by the AO.

3.18 Wetlands

- 3.18.1 In wetlands, tundra mats or other appropriate types of ground protection will be used to minimize disturbance of ground vegetative cover outside the cut-fill footprint during non-winter construction, unless otherwise authorized by the AO.
- 3.18.2 The Holder will minimize the disruption of groundwater flow through the active layer above permafrost covered by the roadbed, to protect groundwater-fed wetlands such as fens. Updrainage of fens and other unique wetland features the use of more porous fill material should be maximized and compaction to underlying soils limited.
- 3.18.3 Disturbance to uncommon wetlands such as patterned fens and moss-lichen wetlands will be avoided to the maximum extent practicable.

3.19 Floodplains

- 3.19.1 New construction within 100-year floodplains shall be avoided to the extent practicable (as determined by the AO) when identifying the location of roads and ancillary facilities not previously approved in the POD, including when proposing POD amendments. When floodplain avoidance is not practicable, the proposal shall include written documentation of the alternative locations considered and the rationale for why the alternatives are not practicable, and shall include the following minimization measures:
 - a. Roads through floodplains shall cross riparian areas perpendicular to the main channel to the extent practicable.
 - b. Throughout the ROW, structural and vegetative treatments in riparian areas shall contribute to the maintenance or restoration of proper functioning condition.
- 3.19.2 When riparian vegetation is cleared, riparian vegetation diversity and density shall be re-

established to the extent practicable.

3.20 Subsistence

- 3.20.1 As per the Holder's commitment, the Holder shall consult directly and regularly with affected subsistence communities, including on the following items:
- a. Road construction and operations.
 - b. Minimizing interference with subsistence activities.
 - c. Identifying locations and times when subsistence activities occur and minimizing work during these times and in these areas.
 - d. Scheduling work (e.g., blasting) to avoid conflict with subsistence activities when possible.
 - e. Managing project-related aviation activities to minimize disturbance of hunters or prey species.
- 3.20.2 The Holder shall notify workers and road users when subsistence activities are ongoing in the area and direct them to refrain from actions that may affect the activities (e.g., not removing trapline markers).

3.21 Wildlife

- 3.21.1 The Holder will notify the AO within 30 days if an animal is killed during the course of construction or operation of the road or associated facilities, including in defense of life or property.
- 3.21.2 Vehicles will be required to slow down or stop and wait to permit the movement of wildlife across the road at any location.
- 3.21.3 Snowbank height will be minimized to allow caribou passage, in particular during spring migrations, to the extent practicable.
- 3.21.4 To minimize wildlife entanglement and plastic debris pollution, plastic-free erosion and sediment control products such as netting manufactured from 100 percent biodegradable, non-plastic materials like jute, sisal, or coir fiber, will be used whenever possible.
- 3.21.5 During periods of wildlife breeding, lambing, or calving activity, and during major migrations of wildlife, the Holder's activities on BLM-managed land may be restricted by the AO with written notice. In coordination with the Holder's activities, the AO may furnish the Holder a list of areas where such actions may be required, together with anticipated dates of restriction.

3.22 Revegetation

- 3.22.1 Topsoil and vegetation will be stockpiled separately from overburden in a manner that prevents loss through erosion.
- 3.22.2 The Holder will ensure that all areas where vegetation is cleared or fill is placed, including road embankments, are revegetated as soon as practicable, unless operation of the authorized road and facilities necessitates the area remaining unvegetated.
- 3.22.3 During construction, each installation of manufactured erosion control media will remain in place and be inspected and maintained weekly during the growing season until sufficient

vegetation is established to achieve natural erosion control after the manufactured materials degrade or are removed.

3.23 Access

- 3.23.1 BLM retains the right to access the lands covered by the right-of-way grant at any time and to enter any facility the Holder constructs on the right-of-way. Similarly, other agencies or landowners that, in the judgment of the BLM AO, have permit-compliance responsibilities for the road or mines or that need access for land management and other functions shall be allowed to drive the road, after appropriate road-use training, at no charge. Requirements to have commercial driver's license that may apply to other classes of drivers on the road will not apply to agency personnel except where they are otherwise required to have such a license.
- 3.23.2 Areas of restricted public access will be easily identifiable on the ground. The Holder will provide appropriate signs, flagging, barricades, and other safety measures when regulating or prohibiting public access.
- 3.23.3 The Holder will not block or obstruct the ingress or egress along any permanent existing roads or trails, including perennial winter trails and subsistence trails identified by communities, unless explicitly approved by the AO.
- 3.23.4 Where the proposed alignment interferes longitudinally with traditional trails or adjudicated RS2477 routes the Holder will maintain such routes in their current location by altering or refining the Ambler Road design or replacing those facilities with parallel facilities of equal or better condition. Location of security gates will be adjusted if/as needed to ensure no unauthorized access.
- 3.23.5 The Holder will operate project airstrips for Ambler Road activities only, except for emergency landings. Public access to airstrips for recreation, hunting, or other general uses is not allowed and will be monitored by construction camp/maintenance camp crews and Ambler Road security staff.

3.24 Closures

- 3.24.1 The Holder will notify the AO in writing 30 days prior to the beginning of any planned temporary closure and 90 days prior to initiation of permanent closure and reclamation activities. For unplanned closures, the Holder must notify the AO within 24 hours after initiating the closure.

3.25 Reporting

- 3.25.1 Holder shall report road use, including records of numbers of vehicles by vehicle class and trip purpose including any unauthorized use of the road.
- 3.25.2 Holder shall report emergency use of the facilities to the AO, as soon as practicable but no later than 7 business days after the event. In addition, Holder shall record and report incidents and accidents, including location, date, nature of incident or accident, whether any administrative or enforcement action was initiated, actions taken by the Holder in response, and status of response completion, yearly. Examples of types of reportable incidents and accidents include (but are not limited to) fuel spills, overturned vehicles, wildlife injuries or fatalities, equipment breaking through ice, etc.

- 3.25.3 Holder shall report any disturbance or destruction of pipelines, fuel gas lines, roads, trails, work pads, survey monuments or right-of-way markers, cathodic protection devices, monitoring rods, drainage/erosion control structures, or any other facilities or properties, existing on public lands, in the conduct or operations under this right-of-way grant, and shall restore to the satisfaction of the AO, except as specified in the right-of-way grant.
- 3.25.4 Baseline analysis and surveys on BLM-managed lands to identify BLM Special Status plant species, prior to conducting surface disturbing activities. The nature and extent of required analysis shall be proposed by the Holder for review and approval by the AO.
- 3.25.5 The Holder will submit a final summary report to the AO within 30 days of completion or cessation of operations. This report shall include:
- a. Written statement of program completion with completion date.
 - b. Summary compilation of incident and accident reports addressed in previous annual reports, including location, date, nature of incident or accident, whether any administrative or enforcement action was initiated, actions taken by the Holder in response, and status of response completion. At a minimum, the types of incidents and accidents must include fuel, oil, or hazardous material spills; overturned vehicles or equipment; incidents that resulted in exceeding state water quality standards; incidents that altered stream banks, resulting in the stream leaving its normal channel (i.e., stream blowouts); wildlife injuries or fatalities; and fish kills.
 - c. A comprehensive map showing camp locations and dates utilized, fuel storage locations and dates utilized, routes used for off-highway fuel hauls and dates utilized, storage locations for any hazardous materials with dates utilized, and types of materials.

4.0 Closure and Reclamation

- 4.1 The Holder shall notify any local communities authorized to receive goods or services via the Holder's facilities of the closure plan and anticipated timelines as soon as the final closure plan is approved by the AO and no shorter than 90 days prior to closure.
- 4.2 When the project improvements (infrastructure, roadbeds, and pads) are no longer needed, the end-of-project reclamation will include removing the fill placed in wetlands, and restoring the original contours of the landscape to return the land to its original condition to restore fish and wildlife habitat, and hydrologic conditions to the greatest extent practicable.

Exhibit B
Ambler Road ROW Grant
Section 106 Programmatic Agreement for the
Ambler Mining District Industrial Access Project (AMDIAP)
Incorporated by Reference

The National Historic Preservation Act Section 106 Programmatic Agreement (PA), titled *Programmatic Agreement by and Among the Bureau of Land Management, Alaska State Historic Preservation Officer, and Advisory Council on Historic Preservation Regarding the Ambler Mining District Industrial Access Road, Alaska*, executed on April 27, 2020, is incorporated here by reference.

This includes the attachments to the PA, listed as follows:

- Attachment A – Maps of the Proposed Route
- Attachment B – Area of Potential Effects (APE) Description
- Attachment C – Table of Previously Recorded Resources in the APE
- Attachment D – List of Parties Invited to Consult on the Section 106 Process
- Attachment E – Cultural Resource Management Plan
- Attachment F – Reporting Table
- Attachment G – Project Plans
- Attachment H – Amendment and Addendum Log

This also includes Exhibits to Attachment E, Cultural Resources Management Plan, which are listed as follows:

- Exhibit A – Inadvertent Discovery of Cultural Resources Plan
- Exhibit B – Inadvertent Discovery of Human Remains Plan
- Exhibit C – Cultural Context Overview
- Exhibit D – Maps of AHRS Sites within the APE
- Exhibit E – Contact List
- Exhibit F – Signature Page for CRMP Finalization.

Exhibit C

Legal Land Description for a portion of the Ambler Road Right-of-Way, F-97112

On Bureau of Land Management Administered Lands

Fairbanks Meridian, Alaska

T. 26 N., R. 13 W., unsurveyed.

sec. 14;

sec. 15, S1/2;

sec. 16, SE1/4;

sec. 20, S1/2;

sec. 21;

sec. 22, N1/2;

sec. 22, N1/2;

sec. 29;

sec. 30.

T. 25 N., R. 14 W., unsurveyed.

sec. 6, NW1/4.

T. 26 N., R. 14 W., unsurveyed.

secs. 25 thru 29;

sec. 31, NE1/4 and S1/2;

sec. 32, N1/2 and SW1/4.

T. 25 N., R. 15 W., unsurveyed.

sec. 1, NE1/4 and S1/2;

sec. 6, SW1/4;

sec. 7 thru 11;

sec. 12 N1/2.

Kateel River Meridian, Alaska

T. 20 N., R. 8 E.,

sec. 2, SE1/4;

sec. 11, NE1/4;

sec. 12, W1/2;

sec. 13, N1/2 and SE1/4.

T. 20 N., R. 9 E.,

sec. 18, S1/2.

T. 19 N., R. 11 E.,

sec. 13;

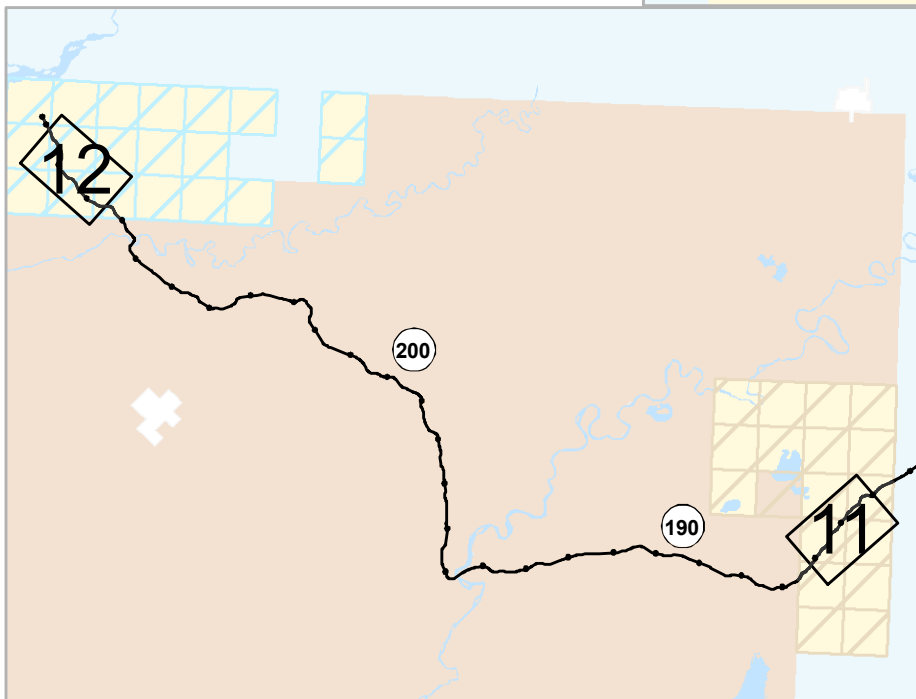
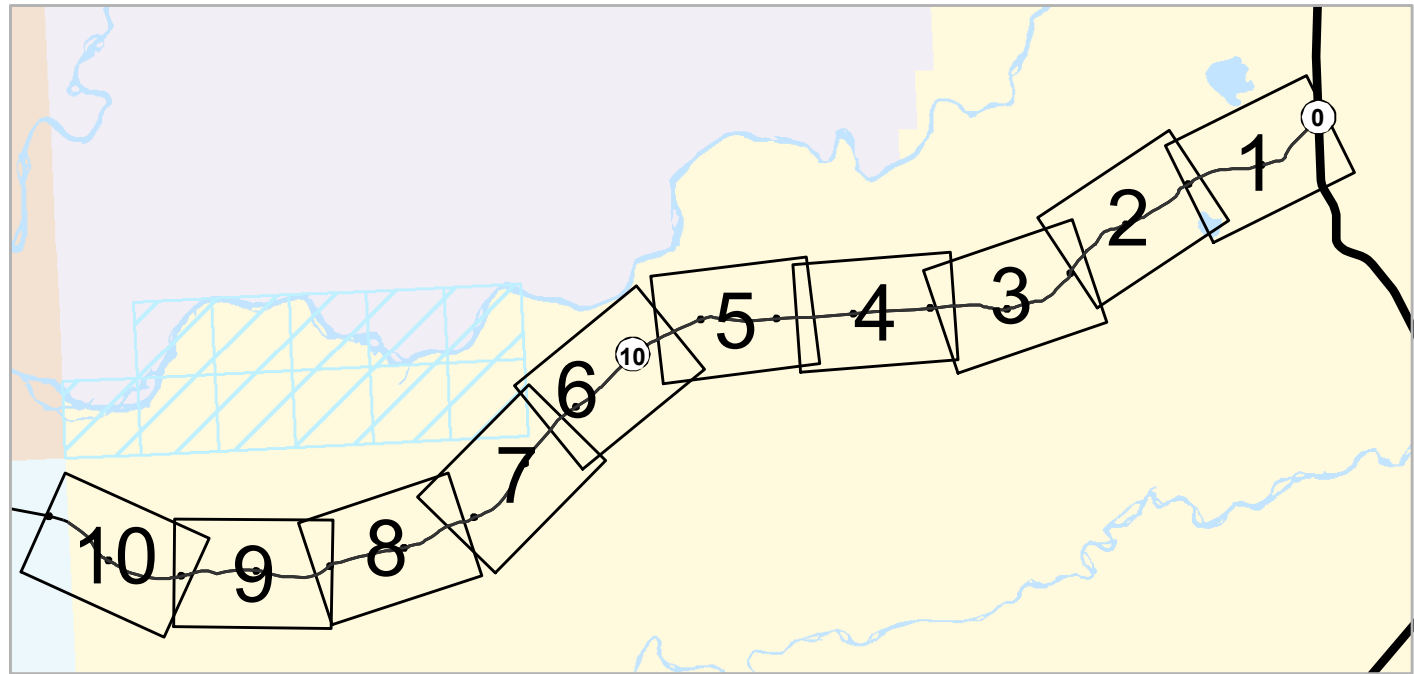
sec. 14, SE1/4;

sec. 23;

sec. 24, NW1/4;

sec. 26.

EXHIBIT D



Ambler Road Right of Way

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ALASKA





Ambler Road
Proposed Route
(labeled with
mileposts)

Dalton Highway

Ambler Road Right-of-
Way(ROW)

ROW of Proposed
Route (250 ft. wide)

Township & Section

Administered Lands

Bureau of Land
Management

Water

Disclaimer: No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through digital means and may be updated without notification. The information displayed on this map should be used for graphic display only. For official land status information, refer to Cadastral Survey plats, Master Title Plats, and land status case-files.

Ambler Road Right of Way

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ALASKA

Page: 1 out of 13



Ambler Road
Proposed Route
(labeled with
mileposts)

Ambler Road Right-of-
Way(ROW)

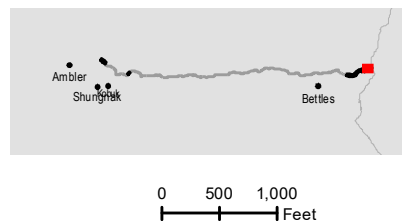
Administered Lands

— ROW of Proposed
Route (250 ft. wide)

□ Township & Section

■ Bureau of Land
Management

■ Water




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Ambler Road Right of Way

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ALASKA

Page: 2 out of 13





Ambler Road
Proposed Route
(labeled with
mileposts)

Ambler Road Right-of-
Way(ROW)

Administered Lands

Bureau of Land
Management

ROW of Proposed
Route (250 ft. wide)

Township & Section

0 500 1,000
Feet

Ambler Road Right of Way

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ALASKA

Page: 3 out of 13

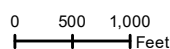
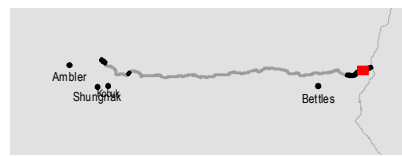


Ambler Road
Proposed Route
(labeled with
mileposts)

- Ambler Road Right-of-
Way(ROW)
- ROW of Proposed
Route (250 ft. wide)
 - Township & Section

Administered Lands

- Bureau of Land
Management



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Ambler Road Right of Way

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ALASKA





Ambler Road
Proposed Route
(labeled with
mileposts)

Ambler Road Right-of-
Way (ROW)

□ ROW of Proposed
Route (250 ft. wide)


□ Township & Section

Administered Lands

■ Bureau of Land
Management

■ National Park
Service

■ Water




0 500 1,000
Feet

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Ambler Road Right of Way

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ALASKA



Page: 5 out of 13



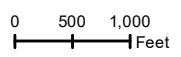
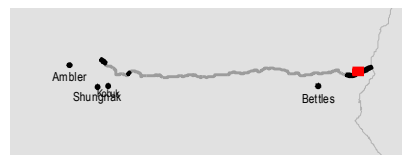
- Ambler Road Proposed Route (labeled with mileposts)

Ambler Road Right-of-Way(ROW)

 - ROW of Proposed Route (250 ft. wide)
 - Township & Section
- Administered Lands

 - Bureau of Land Management
 - National Park Service
- Water

 - BLM-managed (State selected)



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Ambler Road Right of Way

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ALASKA





Ambler Road
Proposed Route
(labeled with
mileposts)

Ambler Road Right-of-
Way(ROW)

Administered Lands

— ROW of Proposed
Route (250 ft. wide)

□ Township & Section

■ Bureau of Land
Management

□ BLM-managed
(State selected)

0 500 1,000
Feet

Ambler Road Right of Way

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Page: 7 out of 13



Ambler Road
Proposed Route
(labeled with
mileposts)

Ambler Road Right-of-
Way(ROW)

Administered Lands

Bureau of Land
Management

□ ROW of Proposed
Route (250 ft. wide)

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0 500 1,000
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Ambler Road Right of Way

U.S. DEPARTMENT OF THE INTERIOR
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ALASKA

Page: 8 out of 13

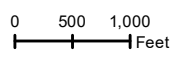
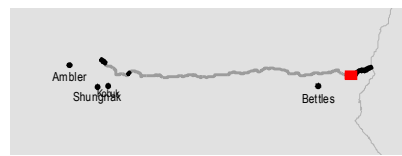


Ambler Road
Proposed Route
(labeled with
mileposts)

Ambler Road Right-of-
Way(ROW)

- ROW of Proposed
Route (250 ft. wide)
- Township & Section

Administered Lands
Bureau of Land
Management



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Ambler Road Right of Way
U.S. DEPARTMENT OF THE INTERIOR
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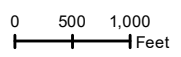
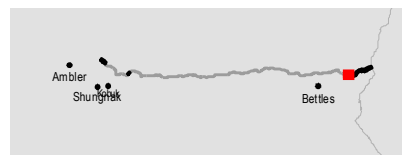




Ambler Road
Proposed Route
(labeled with
mileposts)

Ambler Road Right-of-
Way(ROW)
☐ ROW of Proposed
Route (250 ft. wide)
☐ Township & Section

Administered Lands
☐ Bureau of Land
Management
☐ State



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Ambler Road Right of Way
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Ambler Road
Proposed Route
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mileposts)

Ambler Road Right-of-
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□ ROW of Proposed
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□ Township & Section

Administered Lands

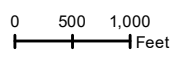
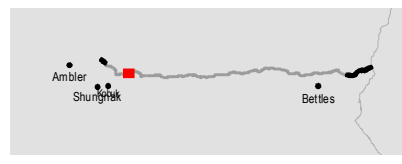
■ Bureau of Land
Management

■ State

■ Native Lands

■ Water

■ BLM-managed
(Native selected)



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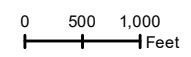
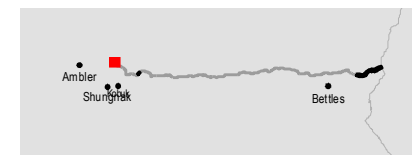


- Ambler Road Proposed Route (labeled with mileposts)

Ambler Road Right-of-Way(ROW)

 - ROW of Proposed Route (250 ft. wide)
 - Township & Section
- Administered Lands

 - Bureau of Land Management
 - Native Lands
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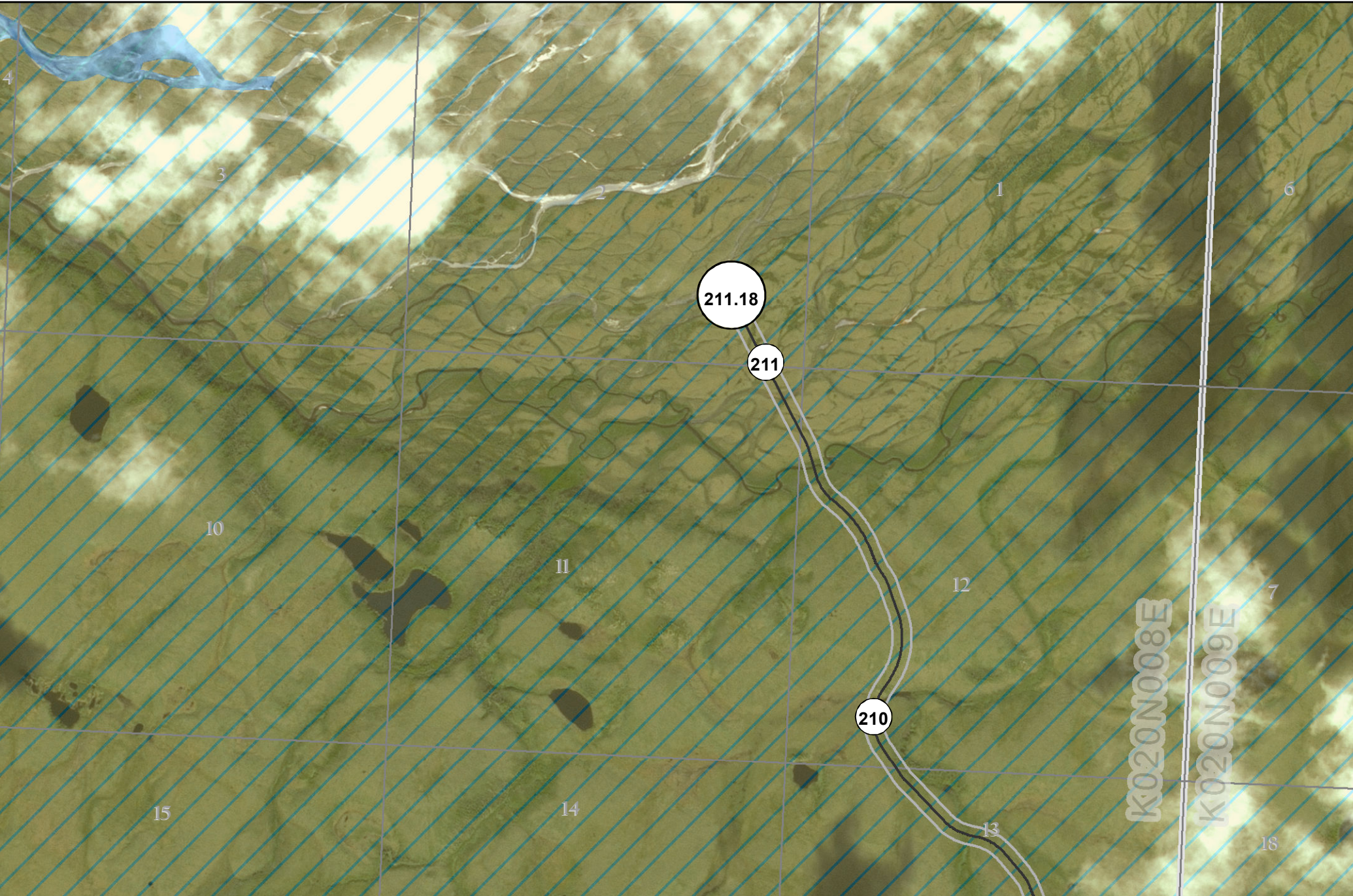


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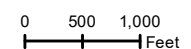
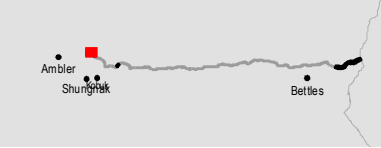
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Exhibit E
Ambler Road ROW Grant
Plan of Development for the
Ambler Mining District Industrial Access Project (AMDIAP)
Incorporated by Reference

The Plan of Development has been submitted by the Alaska Development and Export Authority (AIDEA) in the form of the Standard Form 299 (SF299) application, Supplemental Narratives and Amendments to the SF299

Section 2 Corridor Supplemental Narrative (SF299)

- Appendix 2A Tables
- Appendix 2A Figures
- Appendix 2B Corridor Supplemental Map Sets
- Appendix 2C Corridor Supplemental Map Sets
- Appendix 2D DOT&PF Interim Guidance and Standard for Naturally Occurring Asbestos Material Use
- Appendix 2E Fisheries Survey Reports
- Appendix 2F Preliminary Wetland Delineation
- Appendix 2G Desktop Wetland Delineation Report
- Appendix 2H Raptor Survey

Section 4 Bureau of Land Management Figures (SF299)

- Appendix 4A Figures
- Figures 4-1 to 4-7 Location Vicinity Map and Land Detail
- Figure 4-8 Construction Camps
- Figure 4-9 Construction Camp Location Example
- Figure 4-10 Project Elements

Supplementary Information:

- AMDIAP_SF299_AdditionalInfor_Summary 052429.pdf
- AMDIAP SF299 APPLICATION COMMUNICATIONS AMENDMENT APRIL 2019
- 202406_SensitivityModel_FINAL_02190524.pdf
- AMDIAP_CR_SensitivityModel_NLURA_20190523
- Appendix C of the Ambler Road JROD – AIDEA Design Features
- Appendix D of the Ambler Road JROD Mitigation Measures
- Appendix G of the Ambler Road JROD

Future Supplementary Plans, Amendments, and Revisions to the Plan to be submitted prior to Notices to Proceed and incorporated into the Plan of Development.