



US Army Corps
of Engineers
Alaska District

FAIRBANKS FIELD OFFICE
Regulatory Division (1145)
CEPOA-RD
2175 University Avenue, Suite 201E
Fairbanks, Alaska 99709-4927

Public Notice of Application for Permit

PUBLIC NOTICE DATE:	September 27, 2019
EXPIRATION DATE:	October 29, 2019
REFERENCE NUMBER:	POA-2013-00396
WATERWAY:	Kobuk, Alatna, and Koyukuk Rivers

PUBLIC NOTICE REVISION

On September 13, 2019, the Alaska District Corps of Engineers published a Public Notice (PN) for Department of the Army (DA) permit number POA-2013-00396, Kobuk, Alatna and Koyukuk Rivers for a DA permit application from Alaska Industrial Development Authority, for the phased construction of a controlled access, year-round, industrial road linking the Ambler Mining District to the Dalton Highway. The project would construct a new 211-mile-long gravel surfaced roadway along the southern flanks of the Brooks Range, extending west from the Dalton Highway near milepost 161 to the south bank of the Ambler River within the Ambler Mining District near Ambler, Alaska. The project site begins at Latitude 67.081° N., Longitude 150.345° W. and ends at Latitude 67.162° N., Longitude 157.052° W.

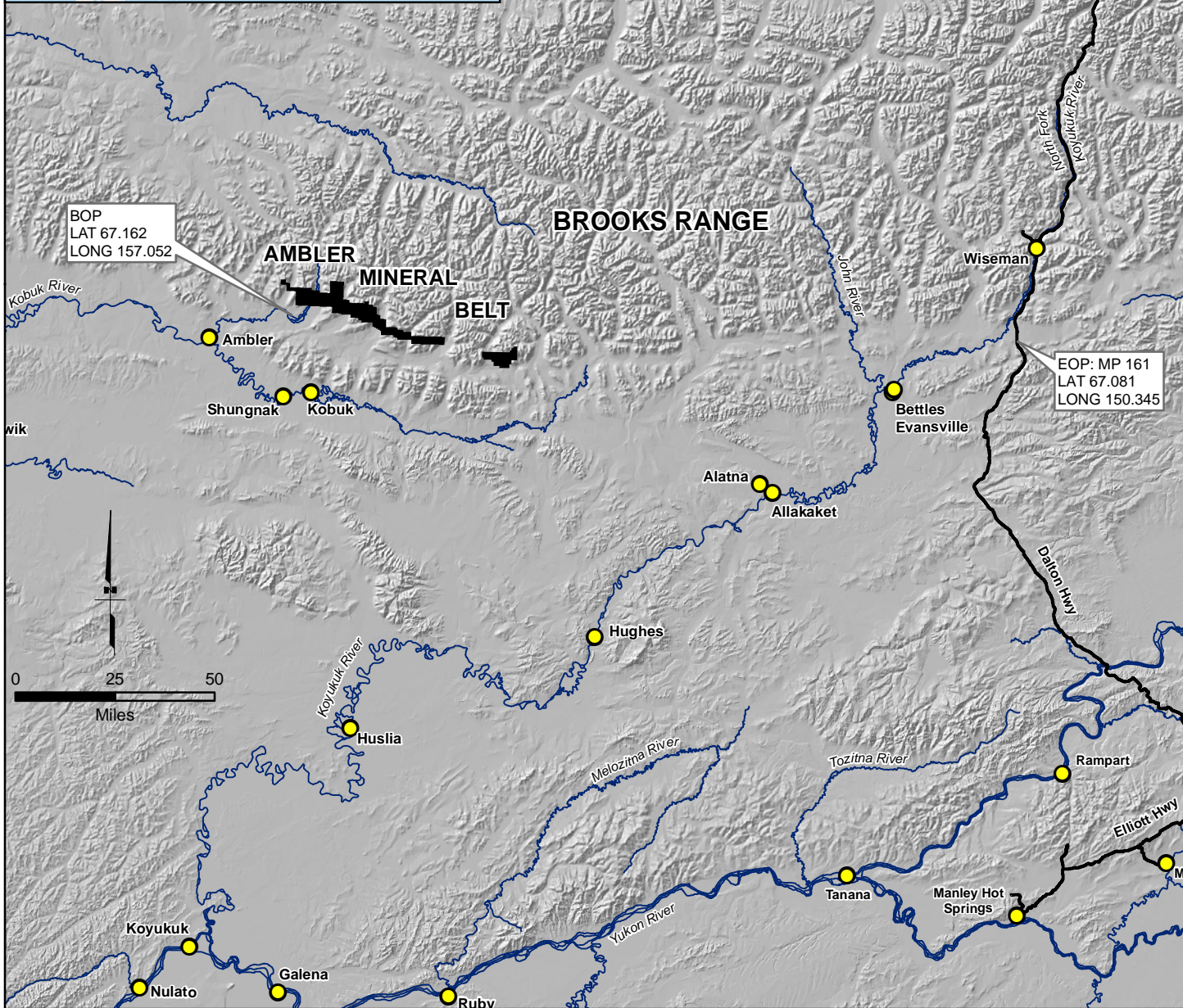
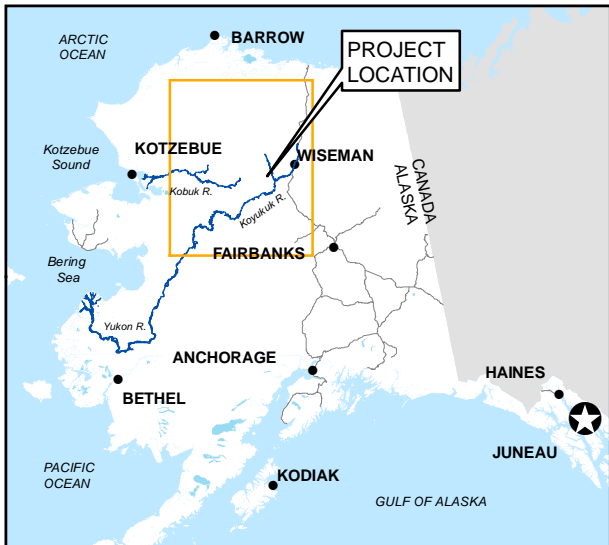
The expiration date to provide comments has been extended to October 29, 2019.

All other information contained in the previous notice remains the same. Please bring this announcement to the attention of anyone you know who is or may be interested.

The revised PN can also be found on our website at:

www.poa.usace.army.mil/Missions/Regulatory/Public-Notices/Article/1959307/poa-2013-396-kobuk-alatna-and-koyukuk-rivers/. Please contact John Sargent at (907) 458-1603 or by email at: John.C.Sargent@usace.army.mil if further information is desired concerning this notice.


District Engineer
U.S. Army, Corps of Engineers





Preferred (Northern) Alignment
 Amblert Mineral Belt

POA-2013-396

Source:
 Rivers and Streams DNR 2013
 Communities DNR 2013
 Note: Amblert Mineral Belt represents State of Alaska
 Mining Claims within the Amblert Mining District.

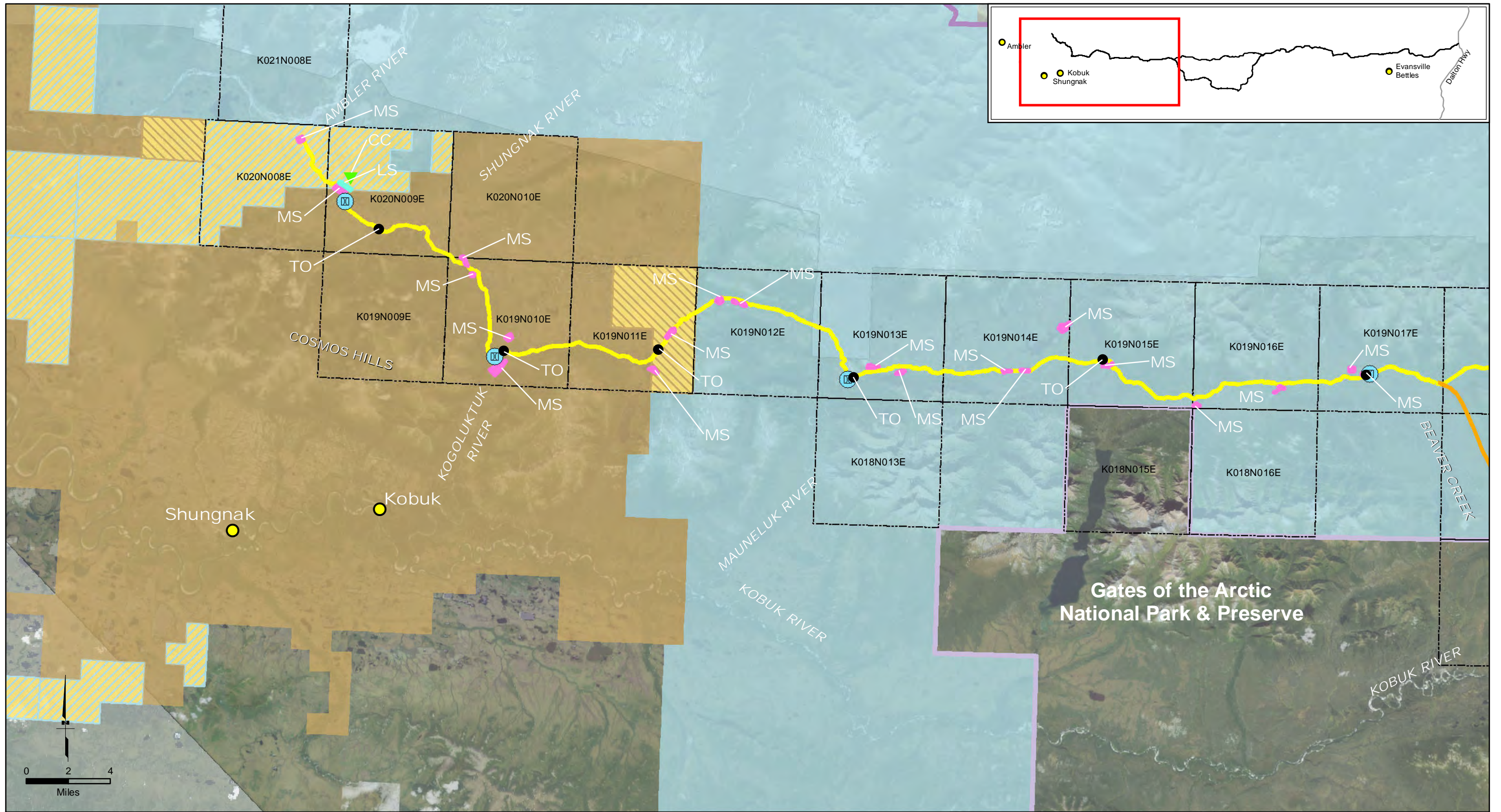


Location Vicinity Map

**Amblert Mining District
Industrial Access Project**

September 10, 2019	Sheet 1 of 20
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Land Ownership

	Gates of the Arctic National Park & Preserve (Wilderness)
	Gates of the Arctic National Park & Preserve
	ANCSA Corporation Land
	Native Selected Land
	State of Alaska Land
	State Selected Land

Project Elements

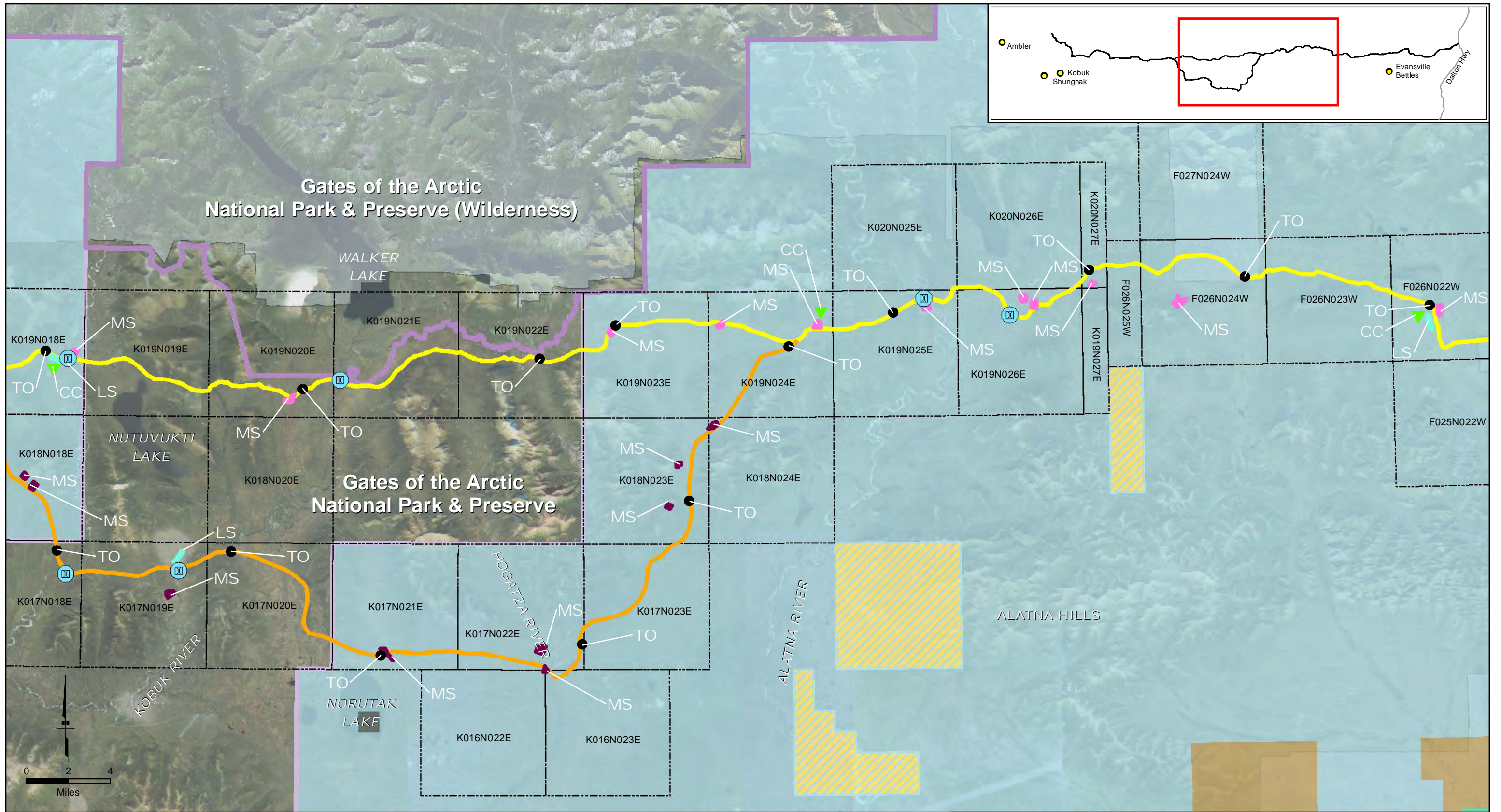
	Preferred (Northern) Corridor through Gates of the Arctic Preserve		Proposed Corridor Material Site (MS)
	Alternative (Southern) Corridor through Gates of the Arctic Preserve		Alternative Corridor Material Site (MS)
	Landing Strip (LS)		Turnout (TO)
	Construction Camp (CC)		Large Bridge

POA-2013-396

Figure 5-2
Project Elements

Ambler Mining District
Industrial Access Project

September 10, 2019 Sheet 2 of 20



Land Ownership

	Gates of the Arctic National Park & Preserve (Wilderness)
	Gates of the Arctic National Park & Preserve
	Kanuti National Wildlife Refuge
	ANCSA Corporation Land
	State of Alaska Land
	State Selected Land

Project Elements

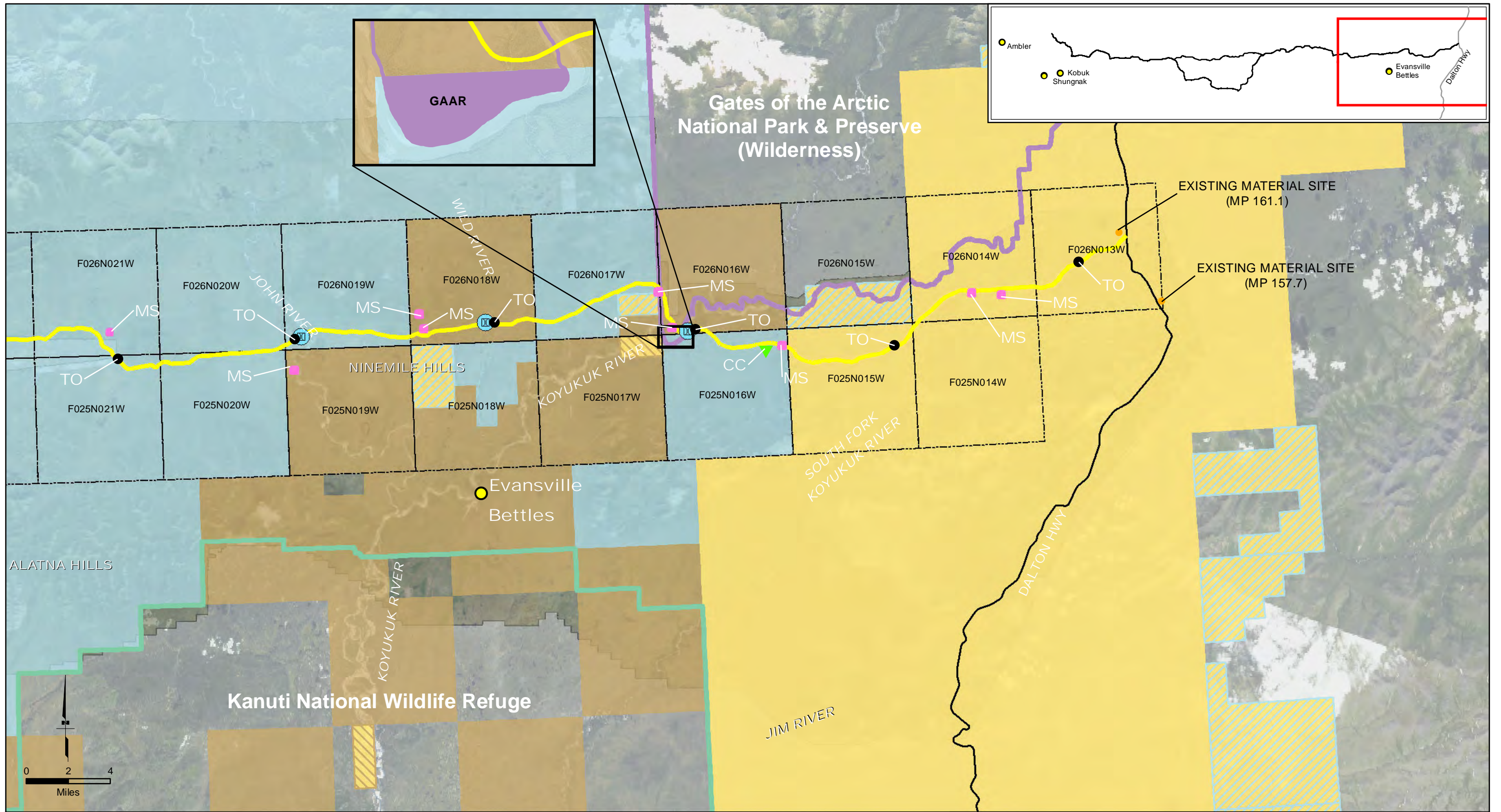
	Preferred (Northern) Corridor through Gates of the Arctic Preserve		Proposed Corridor Material Site (MS)
	Alternative (Southern) Corridor through Gates of the Arctic Preserve		Alternative Corridor Material Site (MS)
	Landing Strip (LS)		Turnout (TO)
	Construction Camp (CC)		Large Bridge

POA-2013-396

Figure 5-2
Project Elements

Ambler Mining District
Industrial Access Project

September 10, 2019 Sheet 3 of 20



Land Ownership		Project Elements	
	Gates of the Arctic National Park & Preserve (Wilderness)		Preferred (Northern) Corridor through Gates of the Arctic Preserve
	Kanuti National Wildlife Refuge		Alternative (Southern) Corridor through Gates of the Arctic Preserve
	Bureau of Land Management		Proposed Corridor Material Site (MS)
	ANCSA Corporation Land		Alternative Corridor Material Site (MS)
	Native Selected Land		Turnout (TO)
	State of Alaska Land		Large Bridge
	State Selected Land		Landing Strip (LS)
			Construction Camp (CC)

POA-2013-396



Figure 5-2
Project Elements

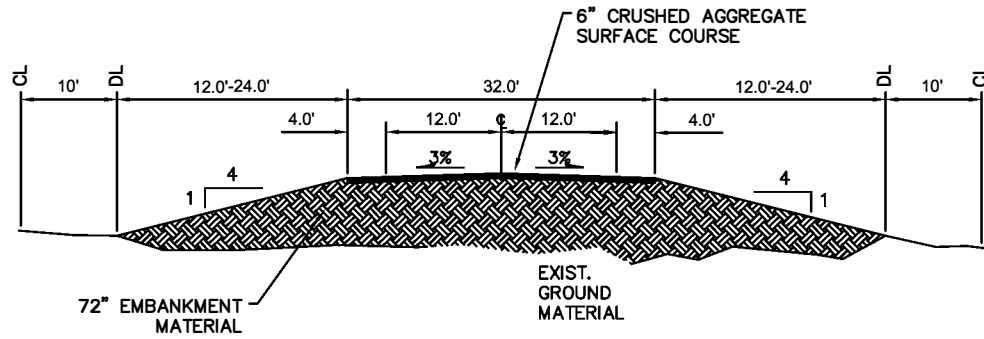
Ambler Mining District
Industrial Access Project

September 10, 2019

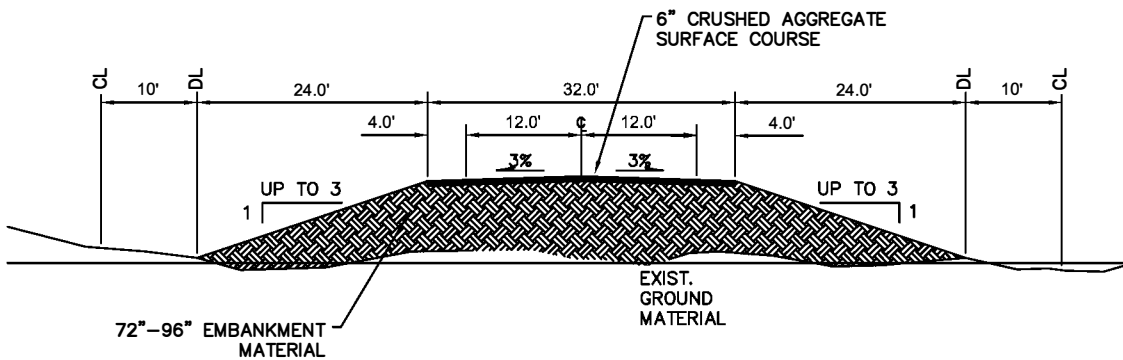
Sheet 4 of 20

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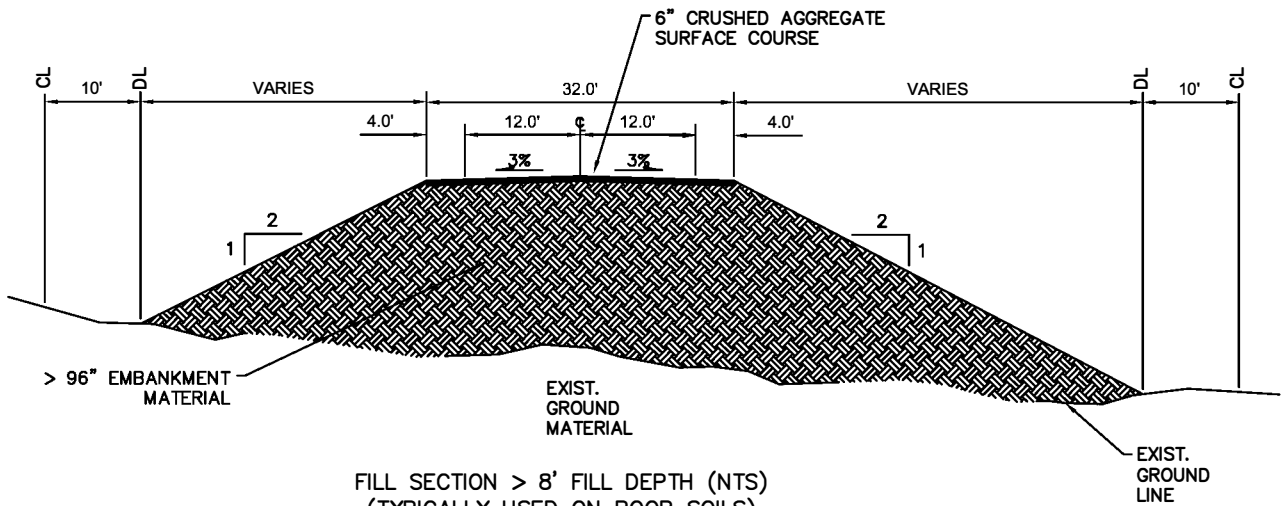
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FILL SECTION < 6' FILL DEPTH (NTS)
(TYPICALLY USED ON GOOD SOILS)



FILL SECTION 6' TO 8' FILL DEPTH (NTS)
(TYPICALLY USED ON MODERATE SOILS)



FILL SECTION > 8' FILL DEPTH (NTS)
(TYPICALLY USED ON POOR SOILS)

NOTE: TYPICAL SECTIONS ARE FOR FULL BUILD OUT (PHASE III)
 CL: CENTERLINE
 DL: DAYLIGHT LIMITS
 CL: CLEARING LIMITS
 NTS: NOT TO SCALE

ACOE PERMIT: POA-2013-396

CROSS SECTIONS: TYPICAL FILL SECTIONS

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

PROJECT: Ambler Mining District Industrial Access Project

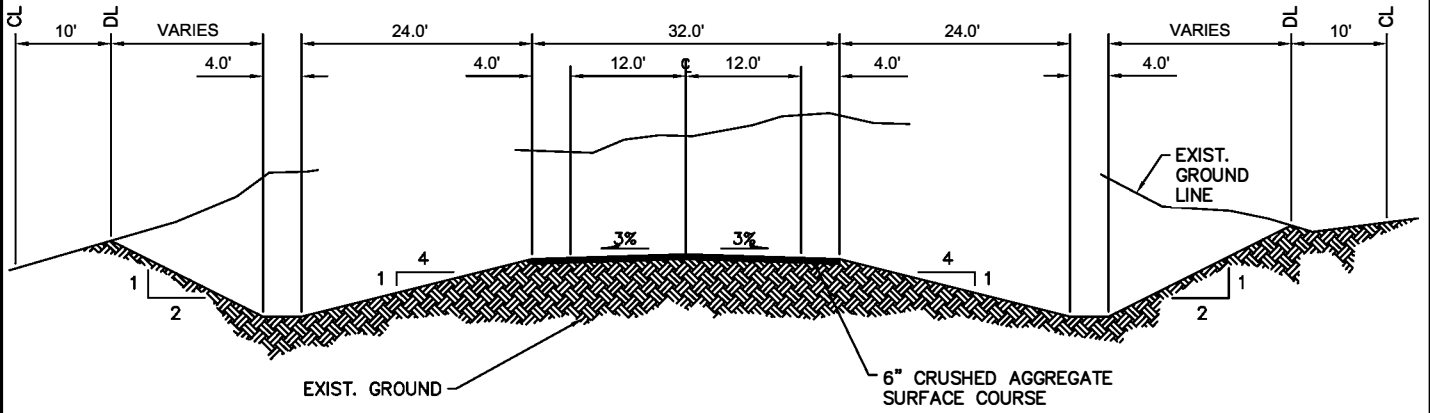
LOCATION: Ambler Mining District

WATERBODY: Kobuk/Koyukuk/Alatna Rivers

DATE: 9/10/2019

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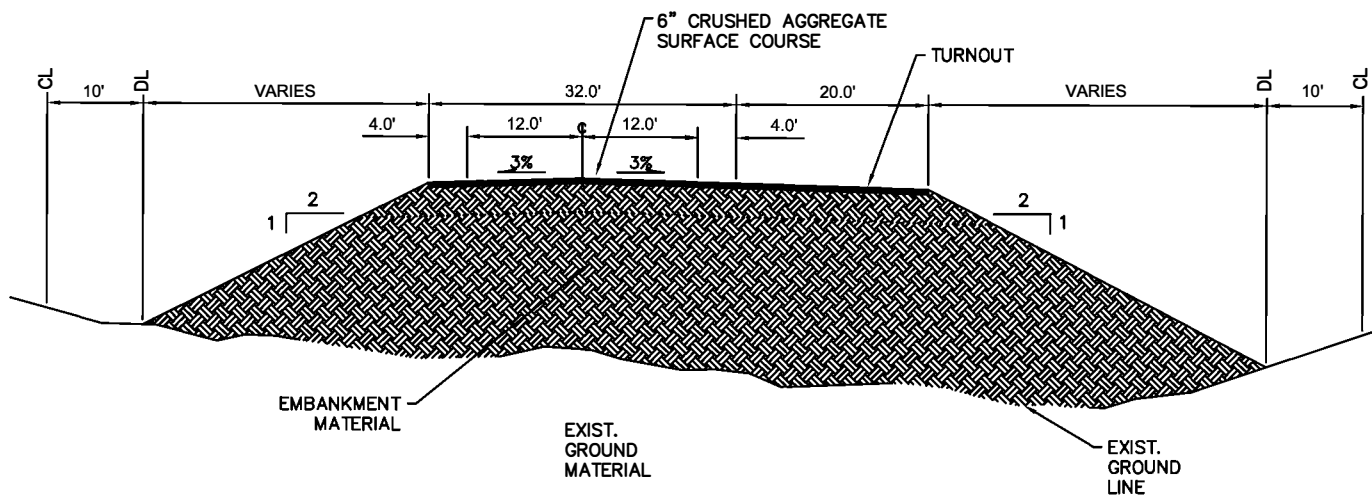


CUT SECTION TYPICAL ROAD (NTS)

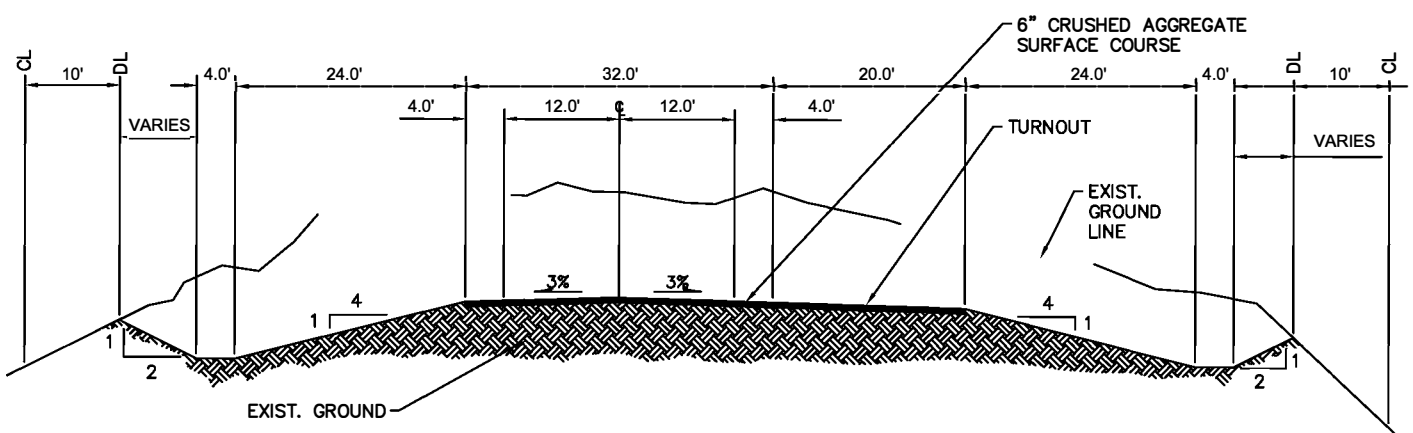
NOTE: TYPICAL SECTIONS ARE FOR FULL BUILD OUT (PHASE III)
 CL : CENTERLINE
 DL: DAYLIGHT LIMITS
 CL: CLEARING LIMITS
 NTS: NOT TO SCALE

ACOE PERMIT: POA-2013-396
 CROSS SECTIONS: TYPICAL CUT SECTION
 APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
 PROJECT: Ambler Mining District Industrial Access Project
 LOCATION: Ambler Mining District
 WATERBODY: Kobuk/Koyukuk/Alatna Rivers
 DATE: 9/10/2019 Sheet 6 of 20

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FILL SECTION WITH TURNOUT NTS

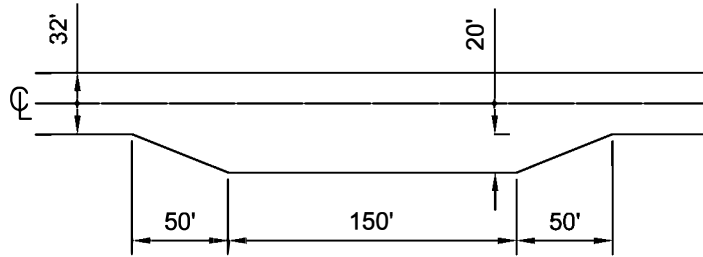


CUT SECTION WITH TURNOUT (NTS)

NOTE: TYPICAL SECTIONS ARE FOR FULL BUILD OUT (PHASE III)
 CL: CENTERLINE
 DL: DAYLIGHT LIMITS
 CL: CLEARING LIMITS
 NTS: NOT TO SCALE

ACOE PERMIT: POA-2013-396
 CROSS SECTIONS: TYP SECTION W TURNOUTS
 APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
 PROJECT: Ambler Mining District Industrial Access Project
 LOCATION: Ambler Mining District
 WATERBODY: Kobuk/Koyukuk/Alatna Rivers
 DATE: 9/10/2019 Sheet 7 of 20

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TURNOUT PLAN VIEW (NTS)

⊕ : CENTERLINE
NTS: NOT TO SCALE

ACOE PERMIT: POA-2013-396

PLAN VIEW: TURNOUT

APPLICANT: Alaska Industrial Development
and Export Authority (AIDEA)

PROJECT: Ambler Mining District
Industrial Access Project

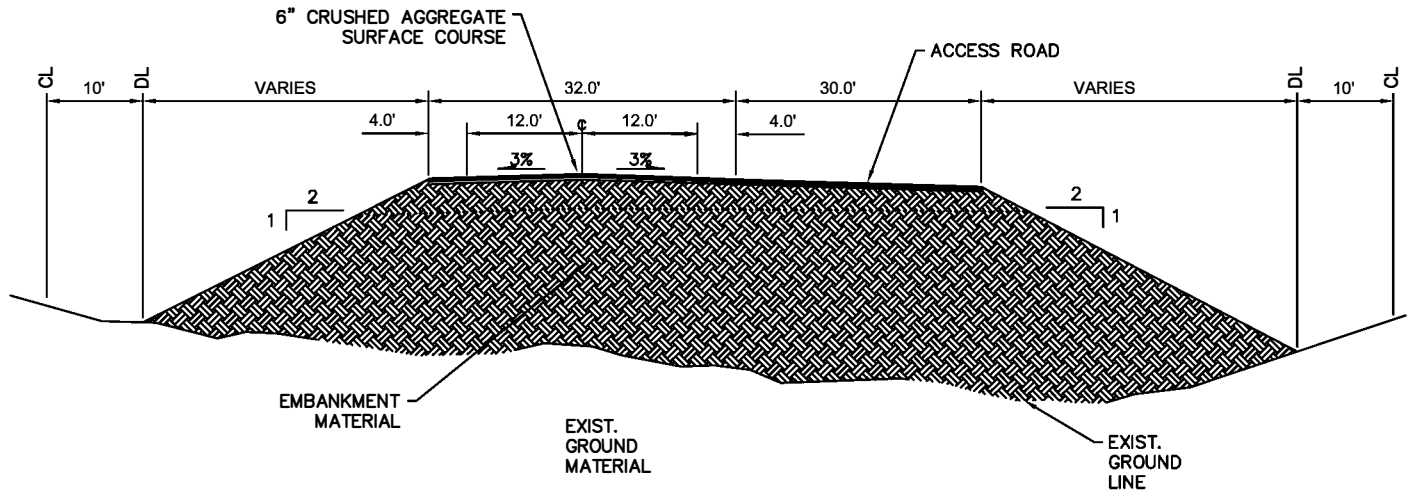
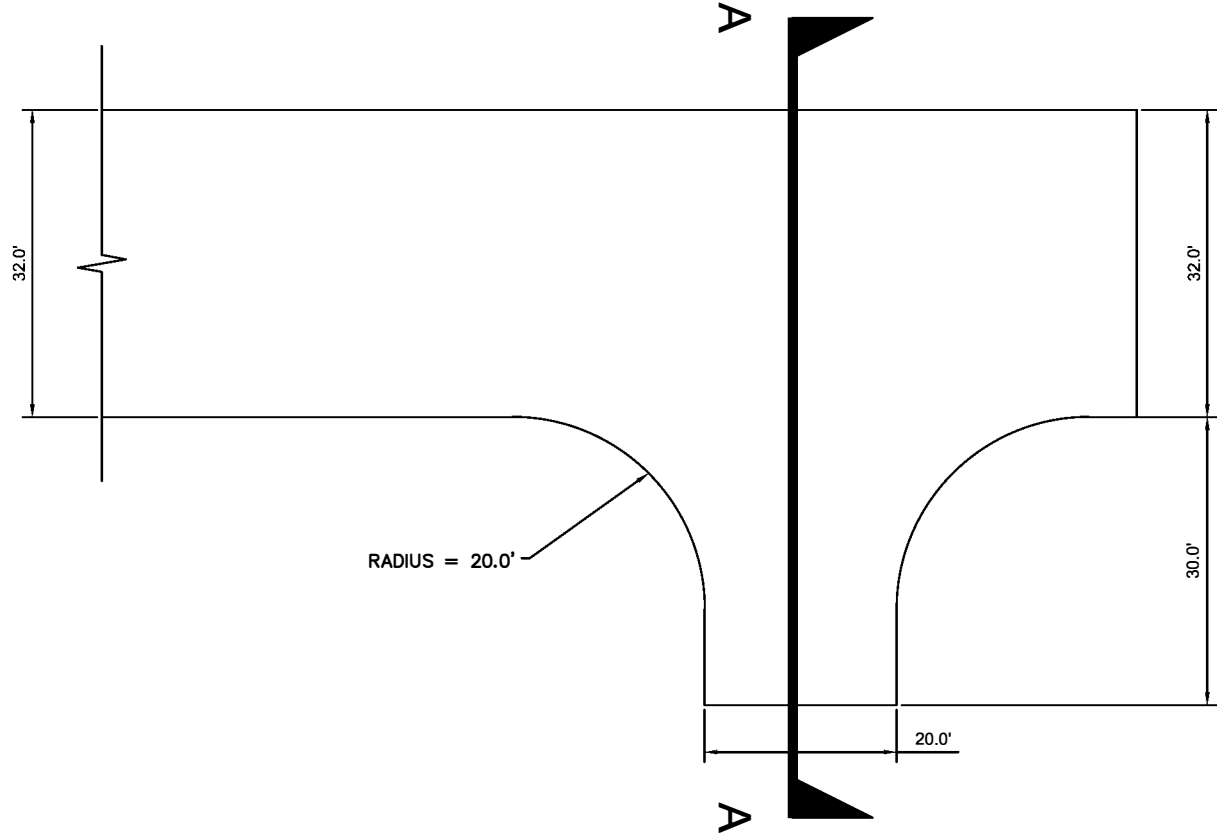
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WATERBODY: Kobuk/Koyukuk/Alatna Rivers

DATE: 9/10/2019

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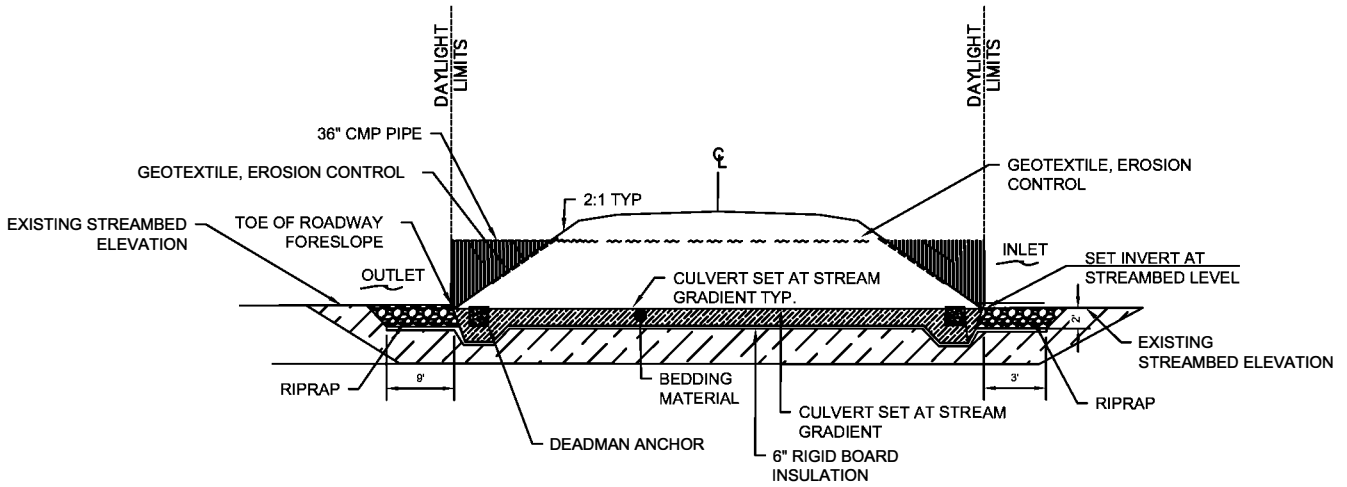


ACCESS ROAD WITH TURN AROUND (NTS)
SECTION A - A

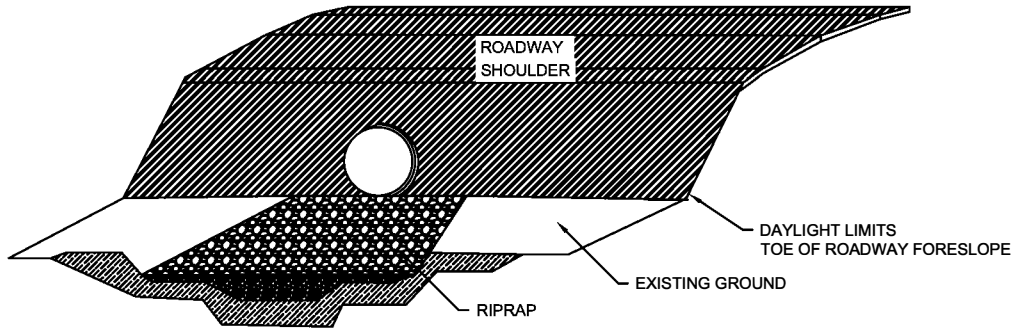
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DL : DAYLIGHT LIMITS
CL : CLEARING LIMITS
NTS : NOT TO SCALE

ACOE PERMIT: POA-2013-396
CROSS SECTIONS: TYPICAL ACCESS ROAD
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019
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MINOR CULVERT TYPICAL SECTION
SECTION E-E'
 NOT TO SCALE

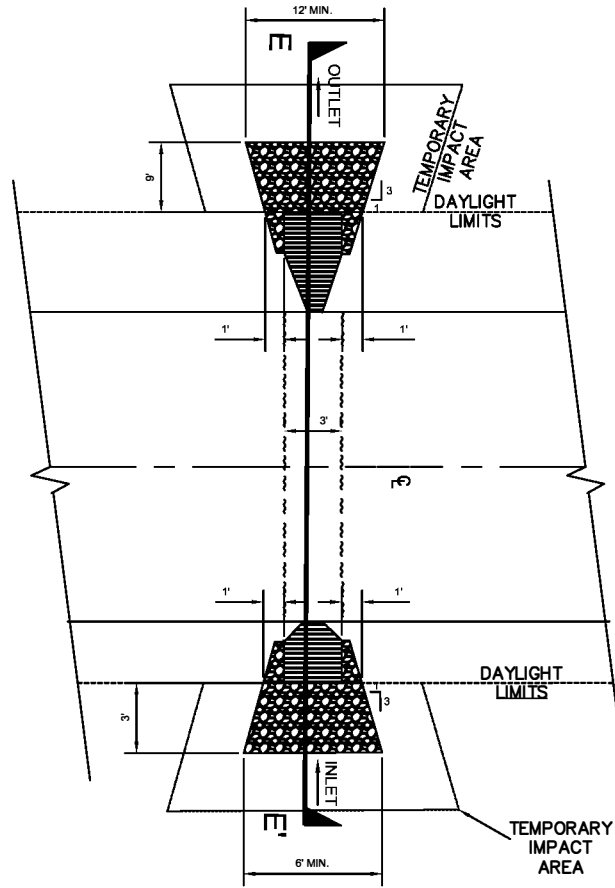


MINOR CULVERT ISOMETRIC VIEW
 NOT TO SCALE

ACOE PERMIT: POA-2013-396
 CROSS SECTION: MINOR CULVERT
 APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
 PROJECT: Ambler Mining District Industrial Access Project
 LOCATION: Ambler Mining District
 WATERBODY: Kobuk/Koyukuk/Alatna Rivers
 DATE: 9/10/2019

☉ : CENTERLINE

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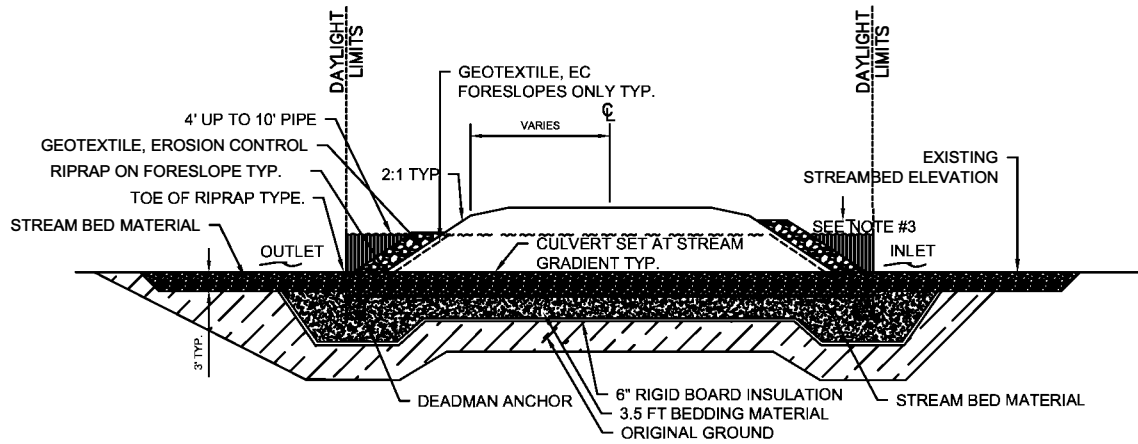


MINOR CULVERT PLAN VIEW
NOT TO SCALE

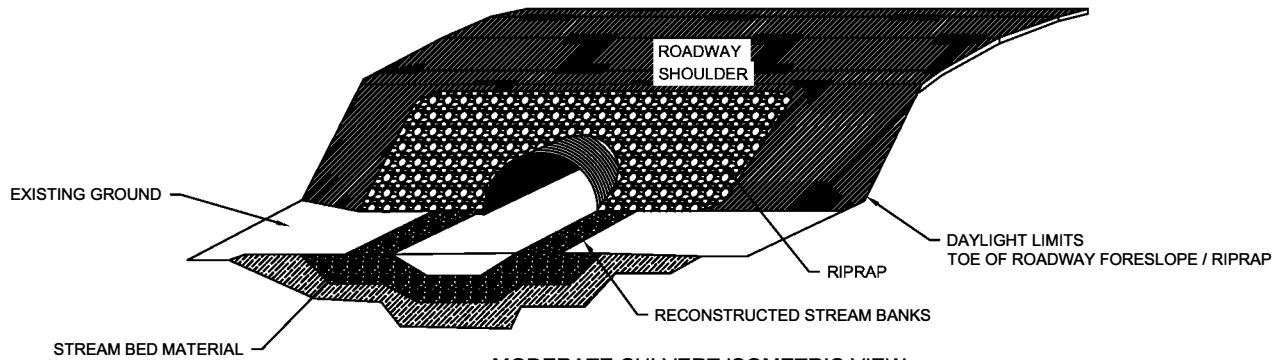
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PLAN VIEW: MINOR CULVERT
APPLICANT: Alaska Industrial Development
and Export Authority (AIDEA)
PROJECT: Ambler Mining District
Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019 Sheet 11 of 20

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MODERATE CULVERT TYPICAL SECTION
SECTION E-E'
 NOT TO SCALE



MODERATE CULVERT ISOMETRIC VIEW
 NOT TO SCALE

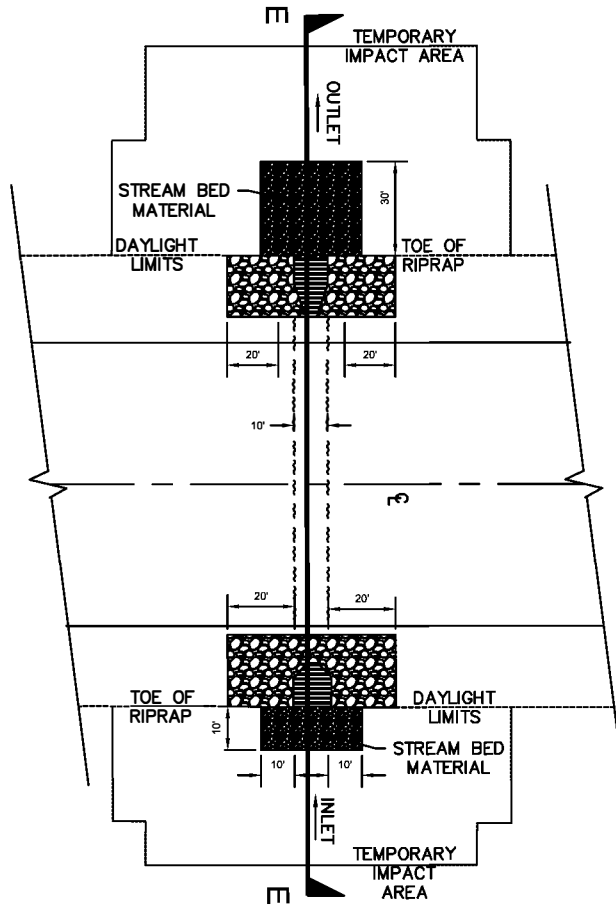
NOTES:

1. CULVERT WILL BE EMBEDDED TO PROVIDE FISH PASSAGE USING STREAM SIMULATION DESIGN PRINCIPLES.
2. EROSION CONTROL STRUCTURES ARE APPROXIMATE AND MAY BE FIELD ADJUSTED BY THE ENGINEER TO TAKE ADVANTAGE OF EXISTING CHANNEL FEATURES.
3. EXTEND RIPRAP 3 FEET ABOVE THE PIPE ON THE INLET SIDE OR TO EDGE OF SHOULDER, WHICHEVER IS LESS. ON THE OUTLET SIDE, THE RIPRAP SHALL EXTEND TO THE TOP OF THE PIPE.
4. GEOTEXTILE IS NEEDED ON ROADWAY FORESLOPE ONLY.
5. STREAM BED CONSTRUCTED OF MATERIAL SIMILAR TO NATURAL STREAM SUBSTRATE.
6. STREAM BANKS CONSTRUCTED OF BIOENGINEERING AND RIPRAP.

☉ : CENTERLINE

ACOE PERMIT: POA-2013-396
CROSS SECTION: MODERATE CULVERT
APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
PROJECT: Ambler Mining District Industrial Access Project
LOCATION: Ambler Mining District
WATERBODY: Kobuk/Koyukuk/Alatna Rivers
DATE: 9/10/2019

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MODERATE CULVERT PLAN VIEW

NOT TO SCALE

⊕ : CENTERLINE

ACOE PERMIT: POA-2013-396

PLAN VIEW: MODERATE CULVERT

APPLICANT: Alaska Industrial Development
and Export Authority (AIDEA)

PROJECT: Ambler Mining District
Industrial Access Project

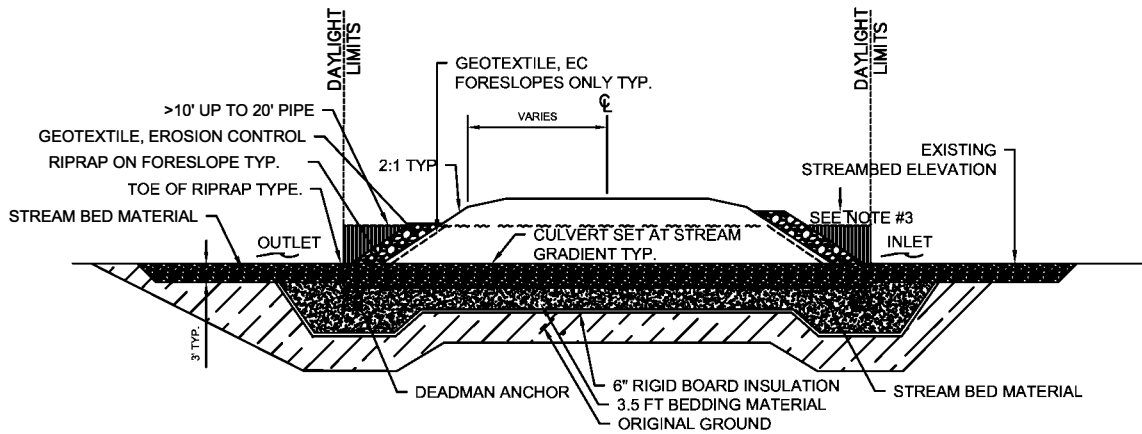
LOCATION: Ambler Mining District

WATERBODY: Kobuk/Koyukuk/Alatna Rivers

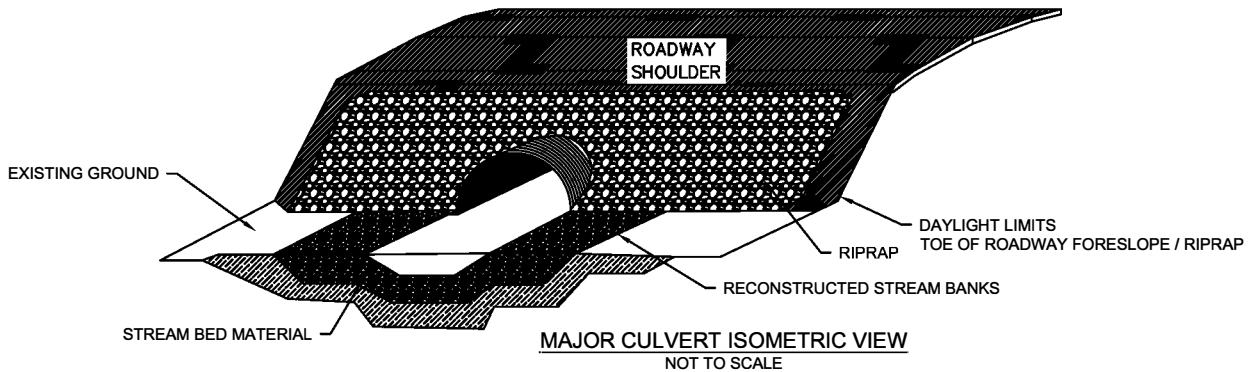
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MAJOR CULVERT TYPICAL SECTION
SECTION E-E
 NOT TO SCALE



MAJOR CULVERT ISOMETRIC VIEW
 NOT TO SCALE

NOTES:

1. CULVERT WILL BE EMBEDDED TO PROVIDE FISH PASSAGE USING STREAM SIMULATION DESIGN PRINCIPLES.
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5. STREAM BED CONSTRUCTED OF MATERIAL SIMILAR TO NATURAL STREAM SUBSTRATE.
6. STREAM BANKS CONSTRUCTED OF BIOENGINEERING AND RIPRAP.

☉ : CENTERLINE

ACOE PERMIT: POA-2013-396

CROSS SECTION: MAJOR CULVERT

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

PROJECT: Ambler Mining District Industrial Access Project

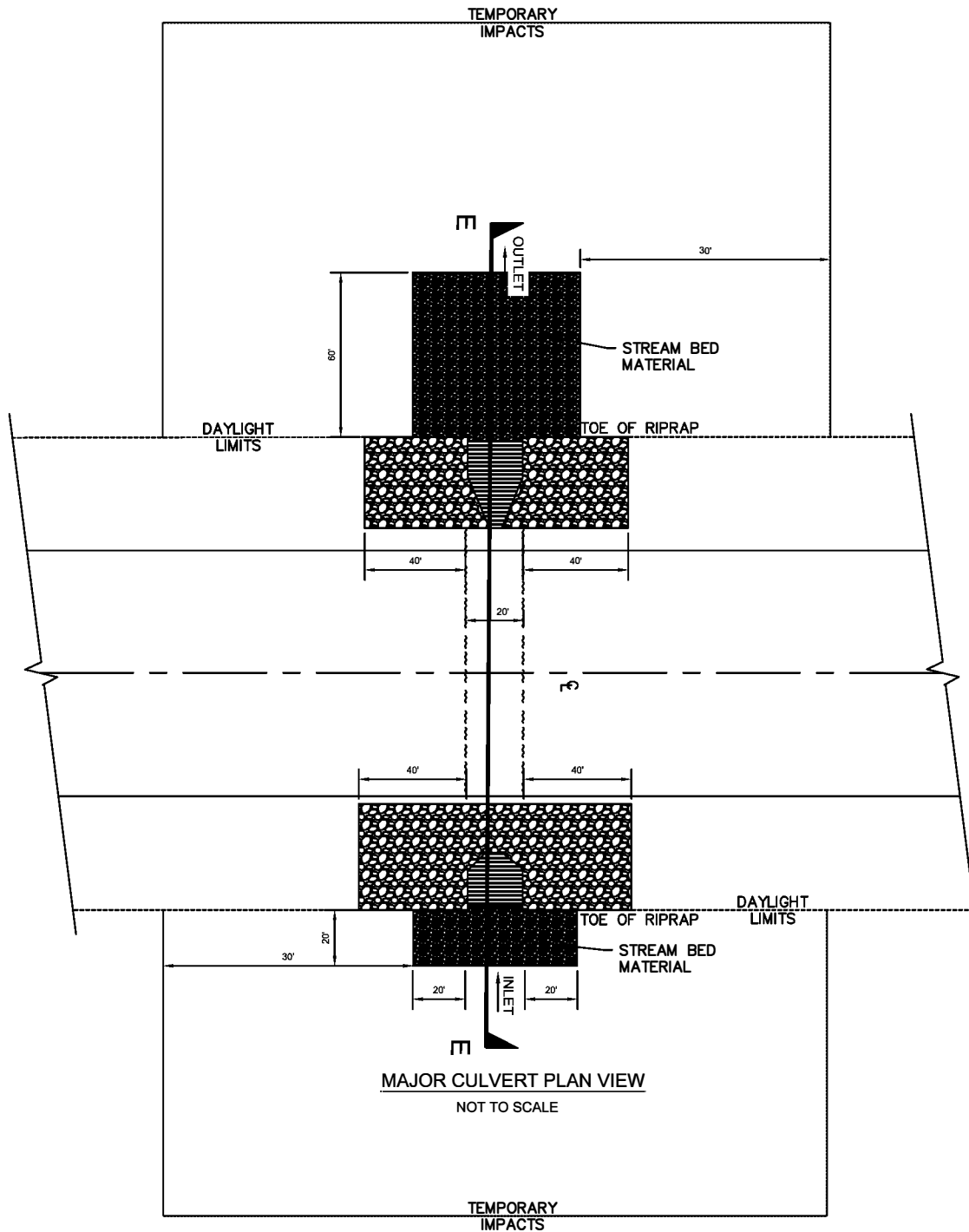
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WATERBODY: Kobuk/Koyukuk/Alatna Rivers

DATE: 9/10/2019

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ACOE PERMIT: POA-2013-396

PLAN VIEW: MAJOR CULVERT

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

PROJECT: Ambler Mining District Industrial Access Project

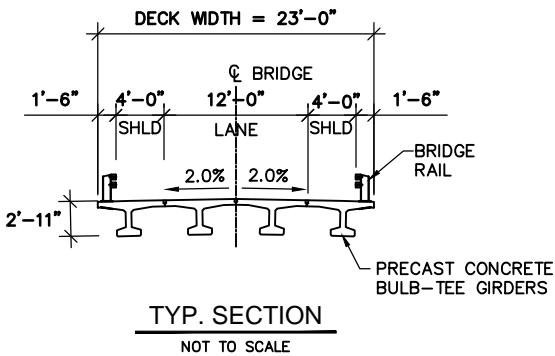
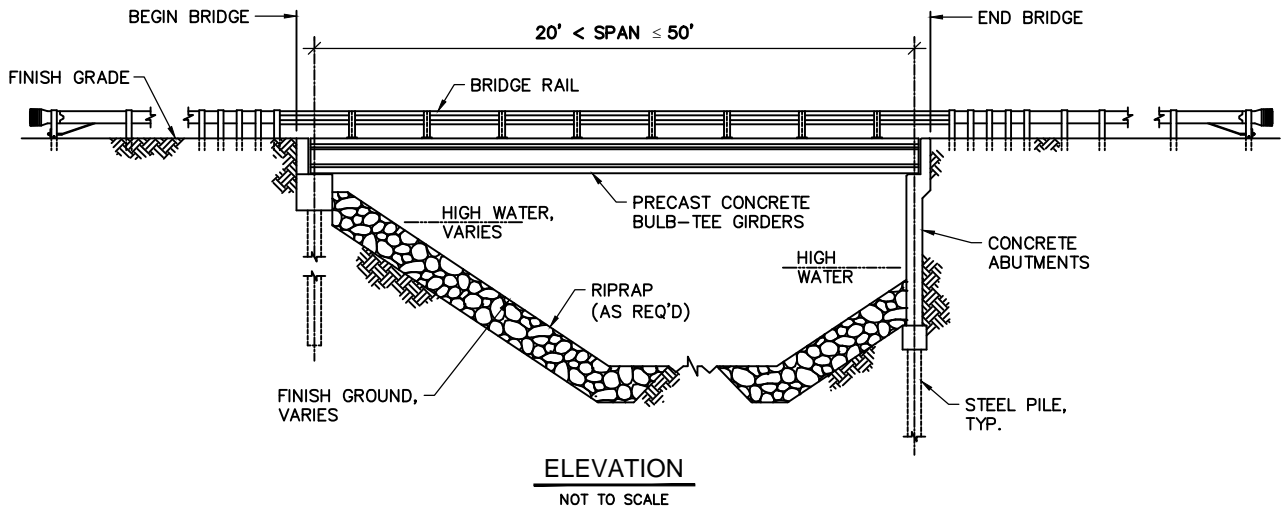
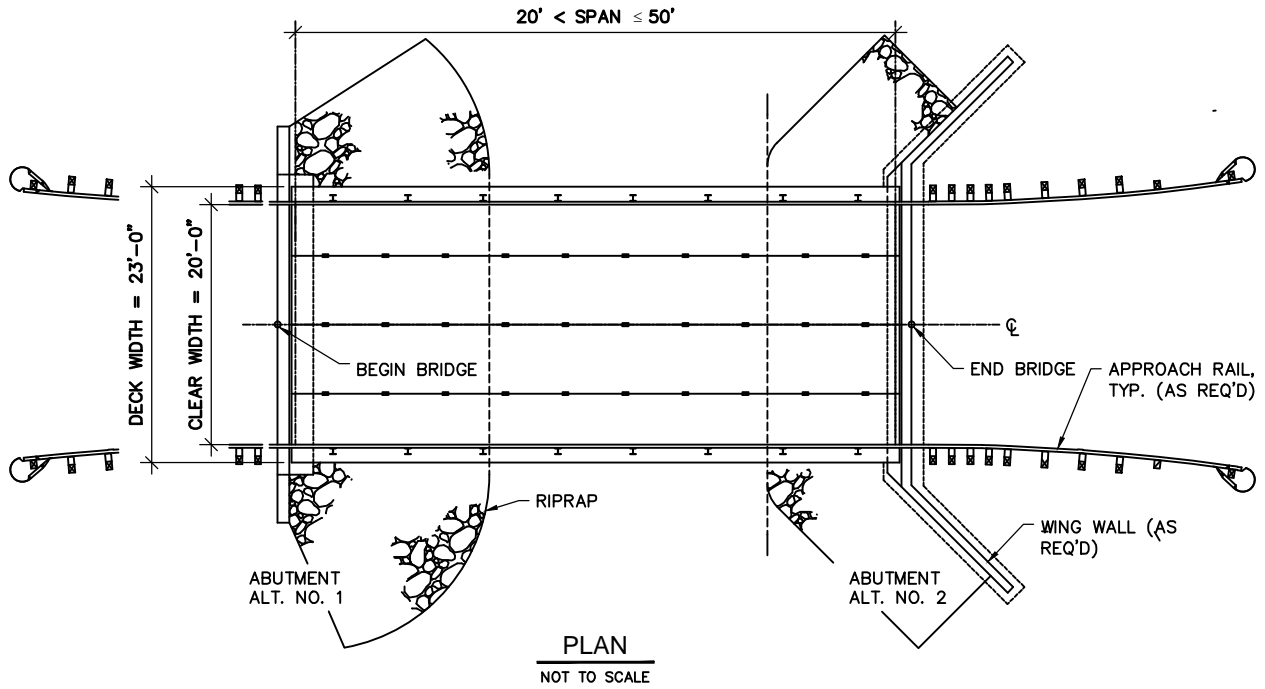
LOCATION: Ambler Mining District

WATERBODY: Kobuk/Koyukuk/Alatna Rivers

DATE: 9/10/2019

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ACOE PERMIT: POA-2013-396

SMALL BRIDGE (<50FT)

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

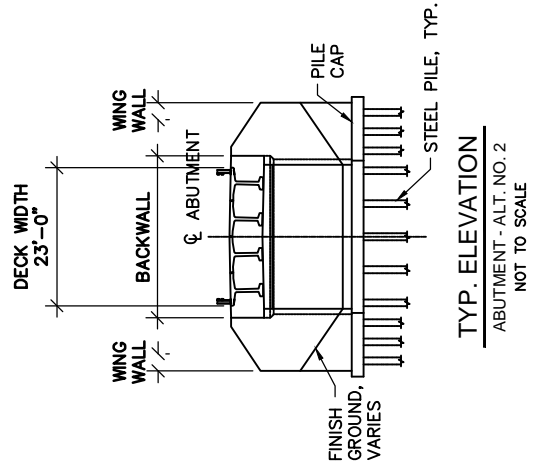
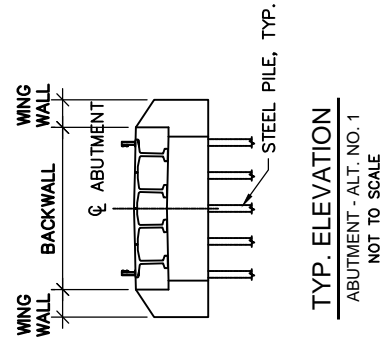
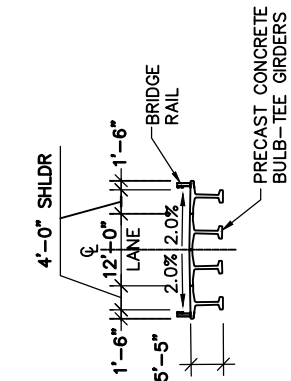
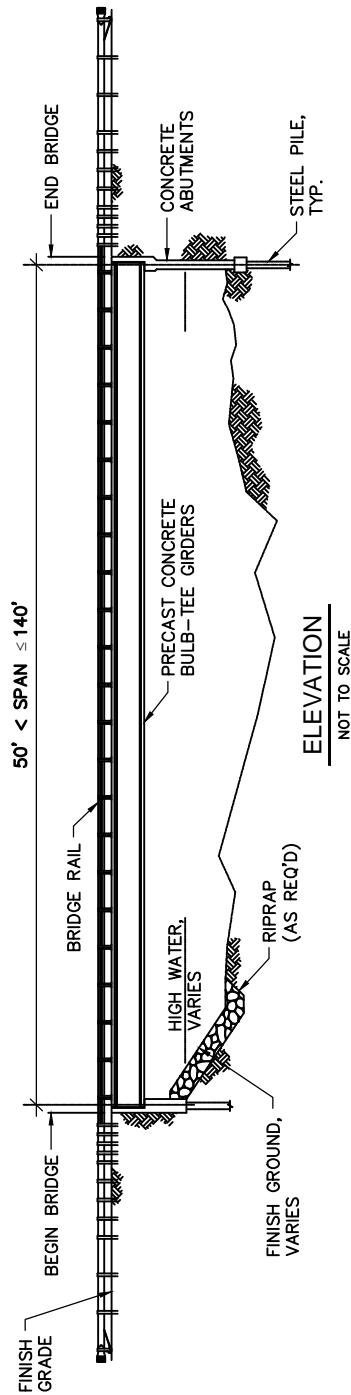
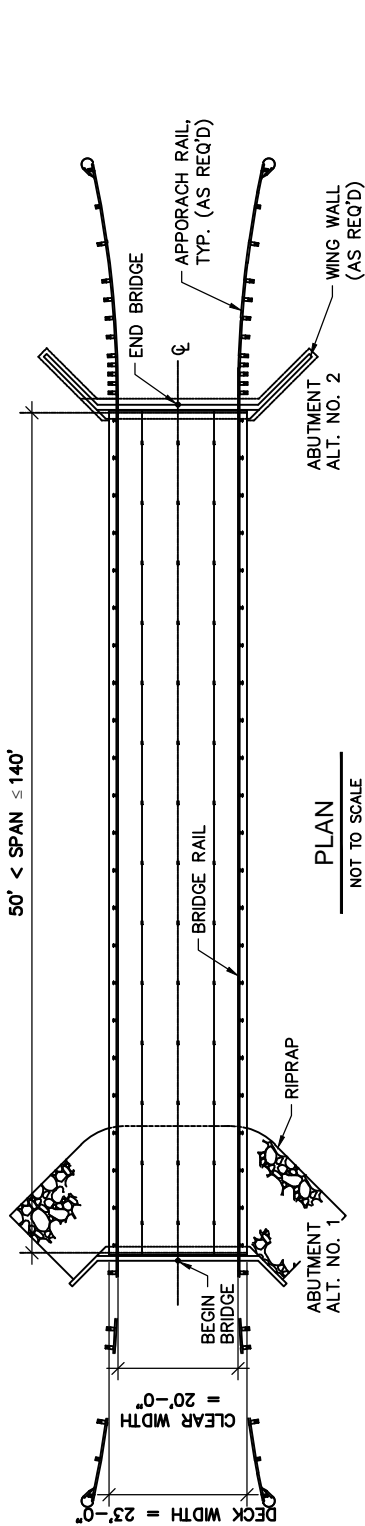
PROJECT: Ambler Mining District Industrial Access Project

LOCATION: Ambler Mining District

WATERBODY: Kobuk/Koyukuk/Alatna Rivers

DATE: 9/10/2019

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ACOE PERMIT: POA-2013-396

MEDIUM BRIDGE (50FT < SPAN <140FT)

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

PROJECT: Ambler Mining District Industrial Access Project

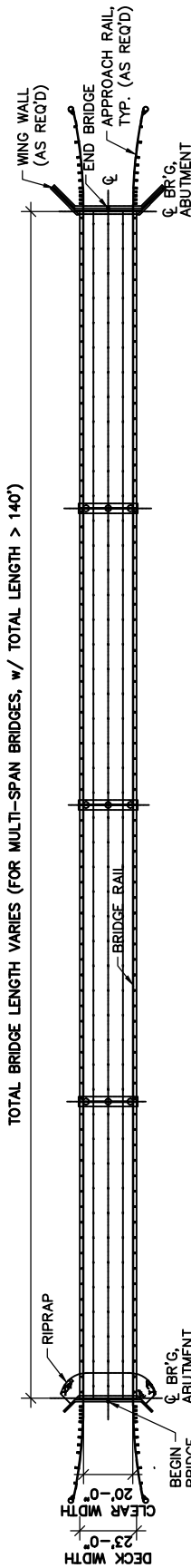
LOCATION: Ambler Mining District

WATERBODY: Kobuk/Koyukuk/Alatna Rivers

DATE: 9/10/2019

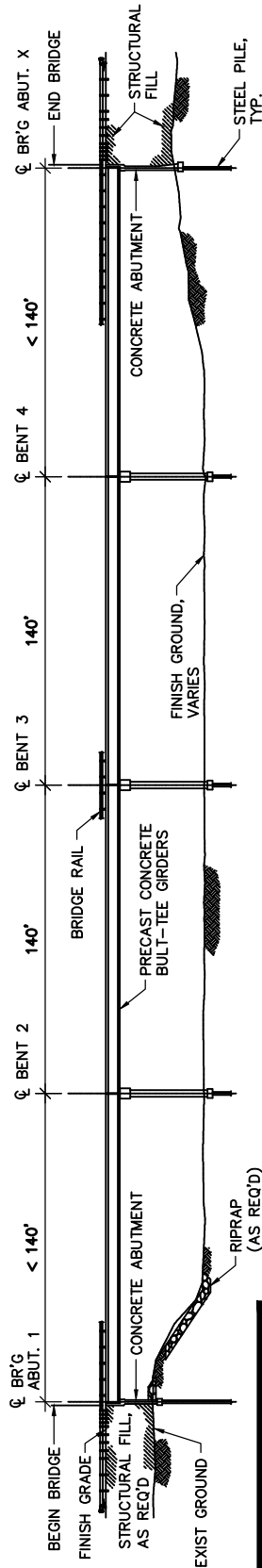
Sheet 17 of 20

Ambler - Large Bridge
(multi-span, Total Bridge Length > 150')
(individual spans > 120')

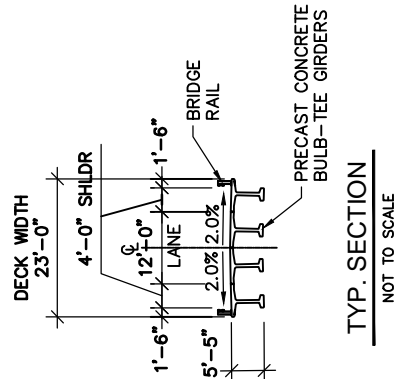
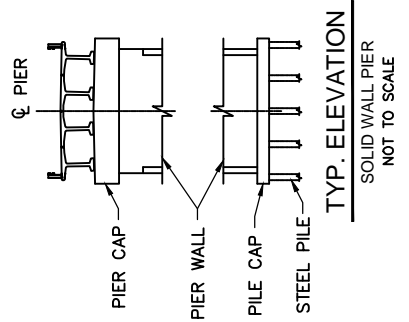
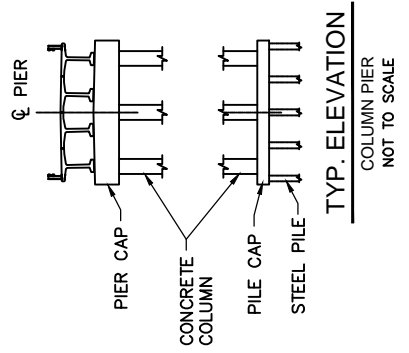


NOTE:
- BRIDGE SPANS WILL VARY. NUMBER & LENGTH OF SPANS TO BE DETERMINED DURING DESIGN.

PLAN
NOT TO SCALE



ELEVATION
NOT TO SCALE



NOTE:
FOR ABUTMENT DETAILS,
REFER TO MEDIUM BRIDGE
FIGURE.

ACOE PERMIT: POA-2013-396

LARGE BRIDGE (>140FT SPAN)

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

PROJECT: Ambler Mining District Industrial Access Project

LOCATION: Ambler Mining District

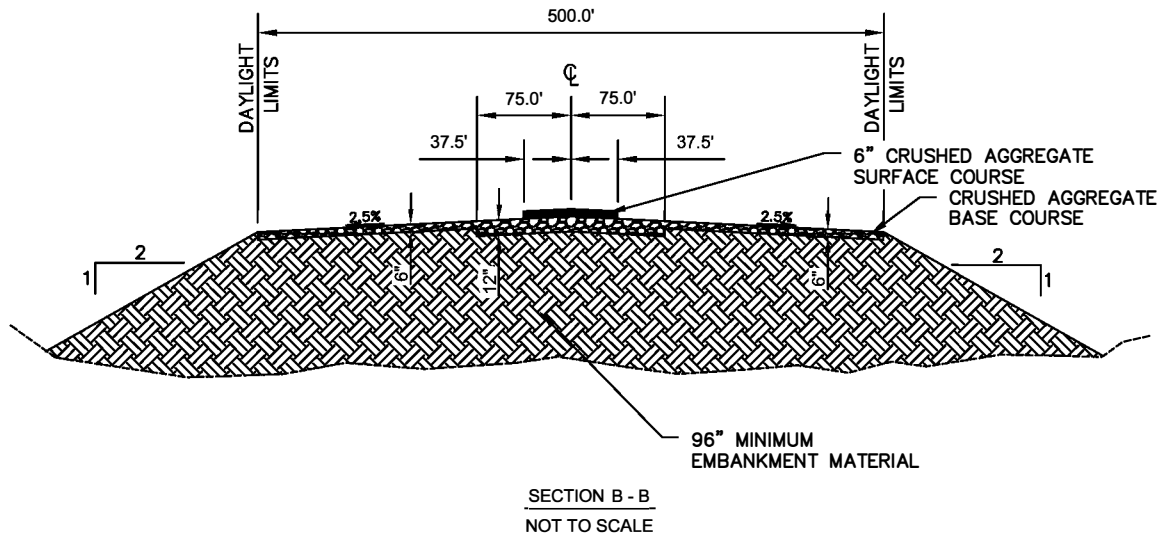
WATERBODY: Kobuk/Koyukuk/Alatna Rivers

DATE: 9/10/2019

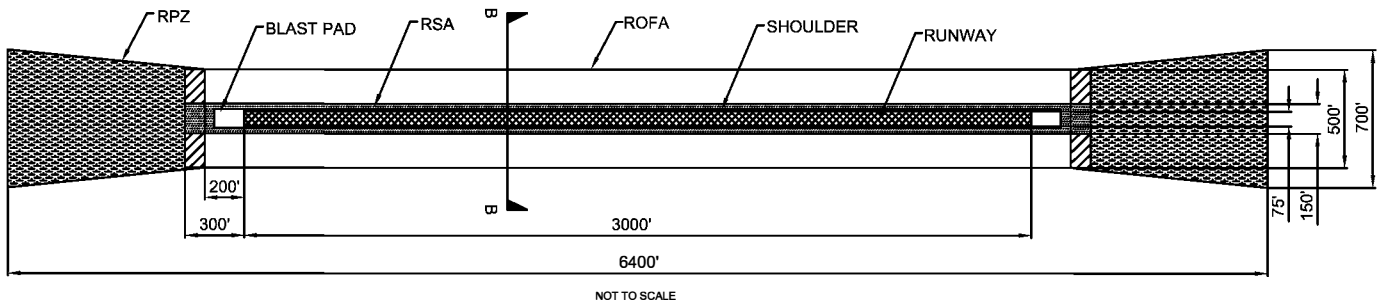
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☉ : CENTERLINE

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⌀ : CENTERLINE



ACOE PERMIT: POA-2013-396

PLAN VIEW / CROSS SECTION: AIRSTRIP

APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)

PROJECT: Ambler Mining District Industrial Access Project

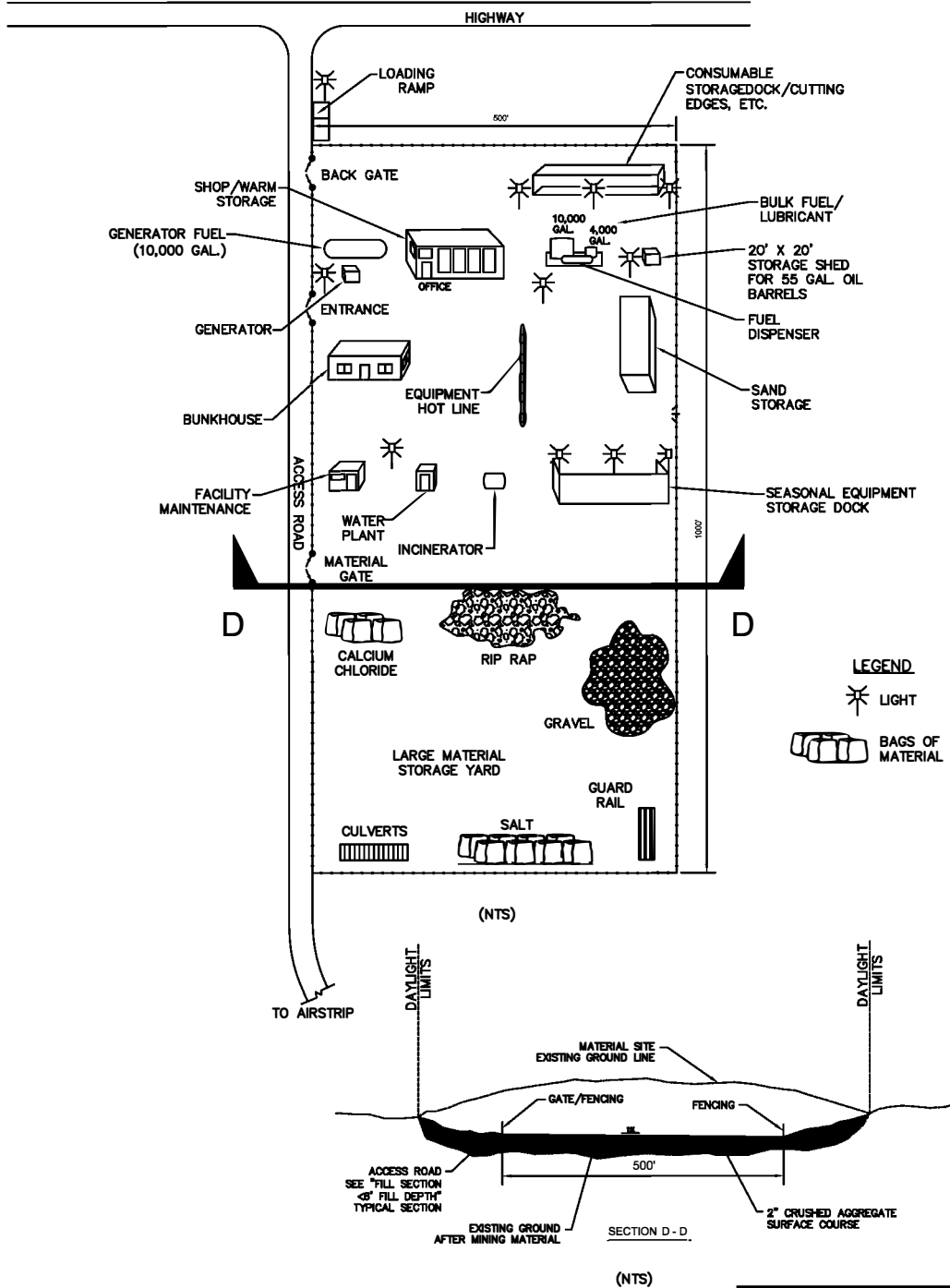
LOCATION: Ambler Mining District

WATERBODY: Kobuk/Koyukuk/Alatna Rivers

DATE: 9/10/2019

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ACOE PERMIT: POA-2013-396
 TYPICAL: MAINTENANCE FACILITY LAYOUT
 APPLICANT: Alaska Industrial Development and Export Authority (AIDEA)
 PROJECT: Ambler Mining District Industrial Access Project
 LOCATION: Ambler Mining District
 WATERBODY: Kobuk/Koyukuk/Alatna Rivers
 DATE: 9/10/2019

☉ : CENTERLINE
 NTS: NOT TO SCALE