

**CITY OF VALDEZ
LAND USE PERMIT APPLICATION FORM**

Application Fee: \$50.00 (Non-refundable)

File No. 19-03

Date Recv'd. 3/15/19

Directions:

1. Please type or print legibly.
2. Please submit this application form to the Office of Community & Economic Development, P.O. Box 307, Valdez, Alaska 99686.
3. Please answer all questions on this form, or put N/A (not applicable) in the spaces provided, as the answer applies.

Applicant name: Alyeska Pipeline Service Company, Agent for TAPS Owners

Mailing address: P. O. Box 196660, M.S. 569,

City, State, Zip: Anchorage, AK. 99519-6660

Daytime telephone: 907.787.8170

SIGNATURE: _____

Representative name: Peter C. Nagel

Mailing address: SAME AS ABOVE

City, State, Zip: _____

Daytime telephone: _____

Legal Description of Property Affected by Application:

Located in Township 9 S Range 4 W Section 34, CRM
Lot/Block/Tract/Subd. _____ Plat # _____
Other description TAPS Milespost 784.5
Tax # _____ Size of Property 17 acres _____

Type of business to be placed on the property: _____

Support the installation of a riprap grade control structure on state land to preserve the depth of earthen cover over the pipeline at the Browns Creek crossing by the Trans-Alaska Pipeline. Support activities may involve access across City lands adjacent to the TAPS ROW (See attached narrative)

Size of temporary building(s) to be placed on the property: n/a

Duration of lease requested (6 months maximum): approximately 30 days starting as soon as May 1, 2019 and ending no later than October 30, 2019

Special lease requirements: n/a

Submitted materials attached - The following submitted materials must be submitted when applying for a lease on City land.

- X 1. Plot Plan – A drawing of the proposed lease property showing:
- a. Size of lot (to scale)
 - b. Placement and size of buildings, storage units, miscellaneous structures planned (to scale)
 - c. Water & sewer lines, locations of septic tanks, if needed
 - d. Parking spaces (numbered on the drawing with a total number indicated).
- X 2. Fees – All applicable fees must be submitted prior to the execution of a lease.

a. Application fee (\$50.00). Covers the costs associated with processing the application. (Nonrefundable)

X 3. Liability Insurance – The Permittee shall, at its own expense, maintain and keep force during the terms of this Permit adequate insurance to protect both Valdez and Permittee against comprehensive public liability claims arising from the use of the property in the minimum limit of ONE MILLION DOLLARS (\$1,000,000) combined single limit to protect against liability for personal injury, death or property damage.

X 4. Financial Data – The applicant is a:

Sole proprietorship _____

Partnership _____

Corporation X (information on file with City)

Other (Please explain)_____

_____ 5. Partnership Statement – If applicant is a partnership, answer the following:

a. Date of Organization _____

b. General partnership () / Limited partnership ()

c. Statement of partnership recorded? () yes () no

Where _____

d. Has the partnership done business in Alaska?

() yes () no

When _____

Where _____

e. Name, address and partnership share of each general and limited partner. If a partner is a corporation, complete page for corporation.

<u>Limited/ General</u>	<u>Name</u>	<u>Address</u>	<u>Share</u>

AFFECTED BY:

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NEW CLASS V-V+ RIPRAP WITH GRAVEL-FILLED VOIDS (GRADE CONTROL SILL)



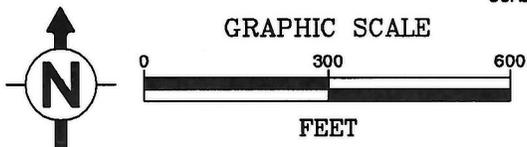
PROPOSED CONSTRUCTION AREA (43.5 ACRES TOTAL WITH 16.8 ACRES BELOW OHW (STATE OF ALASKA) AND 26.7 ACRES ABOVE OHW (CITY OF VALDEZ), APPROX)

NOTE 1: BERM(S) WILL BE REMOVED UPON PROJECT COMPLETION BY RETURNING GRAVELS TO LOCAL SOURCES. BERM LENGTH = 100 FEET (APPROX) BERM VOLUME = 150 CY (APPROX)

PHOTO DATE: 2013

PLAN

SCALE: 1" = 300'



ADJACENT PROPERTY OWNERS: STATE OF ALASKA, CITY OF VALDEZ

X319 TAPS MP 784.5 BROWNS CREEK DEPTH OF COVER RESTORATION PLAN

ALYESKA PIPELINE SERVICE CO. TRANS ALASKA PIPELINE SYSTEM

DATE:	02/15/19	PLATE 2
SCALE:	AS NOTED	SHEET 2 OF 3

REV.	C	DWN. MTH	CKD. AJN	APPR. JPD
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AUTOCAD DWG. DO NOT REVISE MANUALLY.

FILE DATE: -

PLOT SCALE: -

FILENAME: -

**Trans Alaska Pipeline System, Milepost 784
Pipeline Depth of Cover Restoration, Browns Creek
Permit Narrative (March, 2019)**

Purpose

The purpose of this project is to preserve depth of cover over the Trans-Alaska Pipeline at Browns Creek, Pipeline Milepost 784.5 and prevent pipe exposure due to streambed degradation. A buried grade control structure will be installed across the Browns Creek Floodplain for this purpose.

Site Description

Browns Creek is located approximately 15 miles from Valdez. In this area, the pipeline crosses Browns Creek and follows the south side of the Lowe River Valley. Soils in the repair area vary, ranging from alluvial sandy gravels to boulders. The area is vegetated with willow, alder, cottonwood and spruce. Browns Creek has been designated as a resident fish stream.

Work Description

This work plan will install a grade control structure to preserve depth of cover (DOC) over the pipeline. The structure will consist of a buried rock trench just downstream of the pipeline to prevent streambed degradation (scour) that could expose and threaten the pipeline. The riprap voids will be filled with insitu gravels from the excavated trench. Excess material, if any, from the trench excavation will be spread evenly over the unvegetated areas of the adjacent, gravel bars.

Only minimal instream work is anticipated mostly to install temporary stream diversion berms. when the equipment bucket will be in contact with water. A temporary diversion on each of the two or perhaps three channels will be installed during construction to minimize the work in flowing water and thereby control turbidity. All other work is anticipated to be on dry ground or ponded water and not in flowing waters.

An existing layer of riprap on the west floodplain bank will be removed. The rock will be used on the grade control structure. This bank riprap was installed shortly after the 2006 flood to prevent bank erosion. When this grade control is installed, the 2006 erosion protection will no longer be needed.

Equipment on the project will be mainly dozers, excavators, trucks, and loaders. Work will be implemented between May 1 and November 2019.

Other Environmental Considerations

After each diversion channel is completed qualified crews will inspect for trapped fish through the affected reaches. Any trapped fish found will be rescued and placed back in the active creek channel.

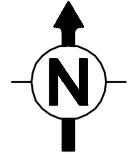
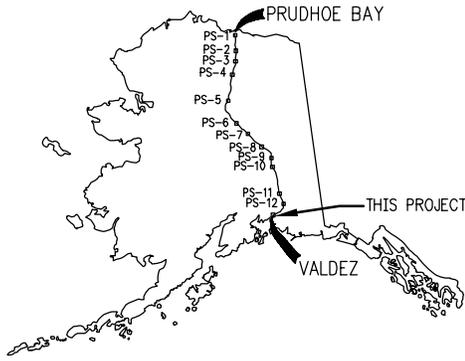
Equipment will be cleaned of all excess grease and oil prior to the start of the project and will be inspected regularly to prevent potential spills. No net loss of habitat area and no impact to wetlands is anticipated as a result of this project.

Construction Sequence

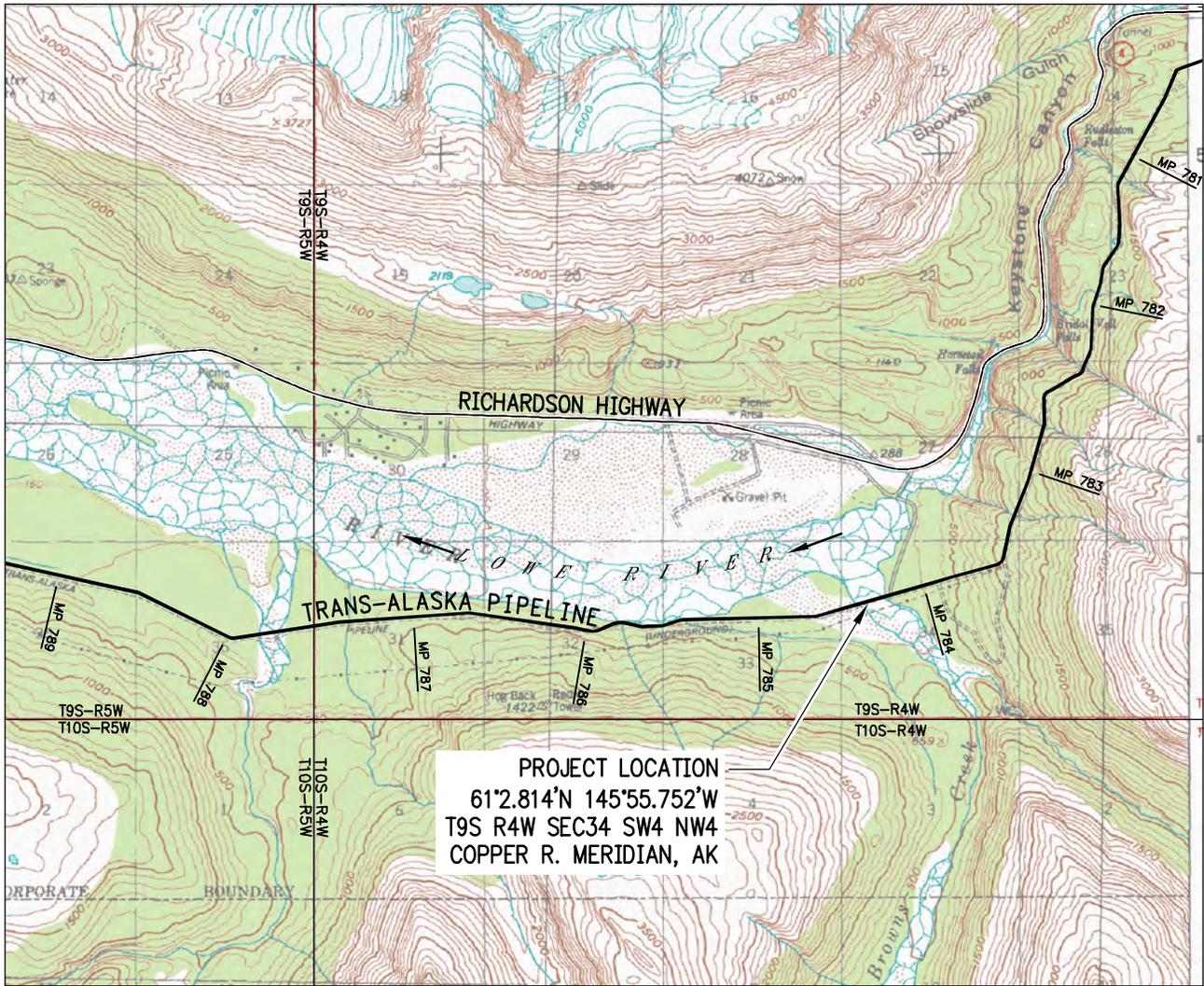
1. Haul and pre-stage rock on the ROW
2. Mobilize personnel and equipment
3. Excavate trench and install rock structure
4. Divert channels as needed
5. Remove existing riprap on west bank
6. Fill rock voids and backfill to original grade
7. Contour gravel bars and grading
8. Restore disturbed areas
9. Cleanup work areas and demobilization.

The work sequence may be altered slightly depending on field conditions encountered at time of construction.

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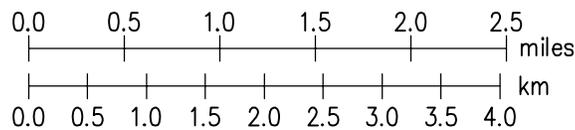


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ADJACENT PROPERTY OWNERS: STATE OF ALASKA,
CITY OF VALDEZ

ALYESKA PIPELINE SERVICE CO.

X319 TAPS MP 784.5 BROWNS CREEK
DEPTH OF COVER RESTORATION
LOCATION AND VICINITY MAP

TRANS ALASKA PIPELINE SYSTEM

DATE: 02/15/19

PLATE 1

REV. C DWN. MTH CKD. AJN APPR. JPD

SCALE: AS NOTED

SHEET 1 OF 3

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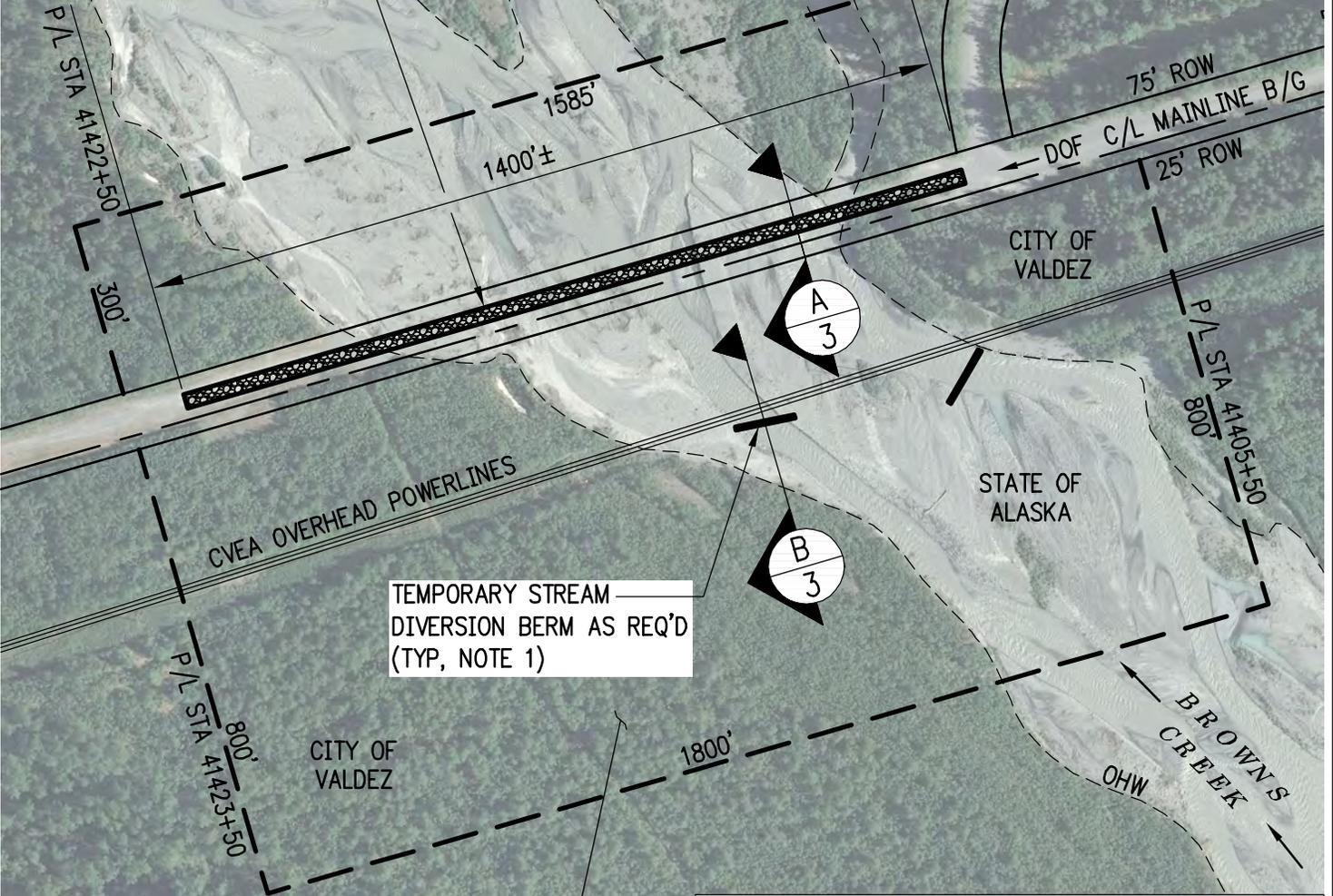
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NEW CLASS V-V+ RIPRAP WITH GRAVEL-FILLED VOIDS (GRADE CONTROL SILL)



TEMPORARY STREAM DIVERSION BERM AS REQ'D (TYP, NOTE 1)

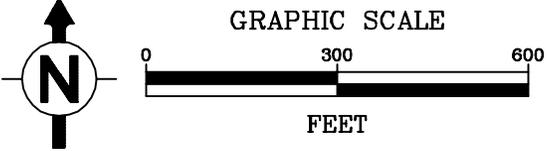
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X319 TAPS MP 784.5 BROWNS CREEK DEPTH OF COVER RESTORATION PLAN

ALYESKA PIPELINE SERVICE CO.	
TRANS ALASKA PIPELINE SYSTEM	
DATE: 02/15/19	PLATE 2
SCALE: AS NOTED	SHEET 2 OF 3

REV. C	DWN. MTH	CKD. AJN	APPR. JPD
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FILE DATE: -

PLOT SCALE: -

FILENAME: -

ESTIMATED MATERIAL QUANTITIES

	BELOW OHW	ABOVE OHW	TOTAL
CLASS V-V+ RIPRAP (CY)	4,900	2,600	7,500
CLASS V-V+ RIPRAP (SF)	23,000	12,000	35,000

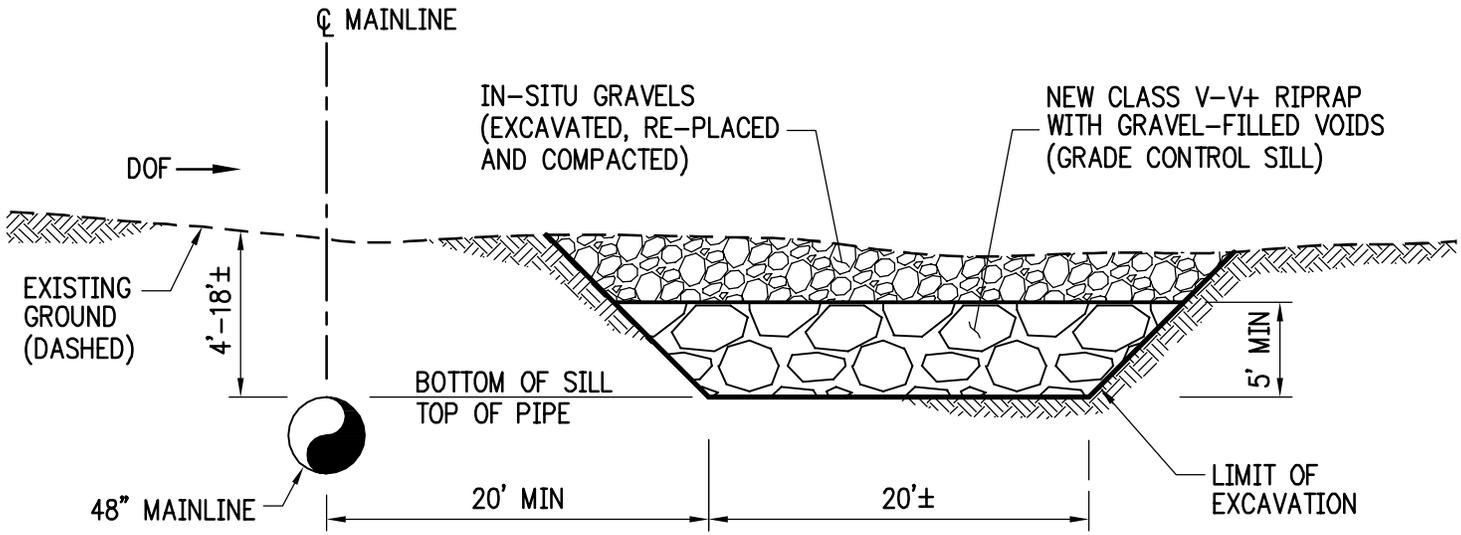
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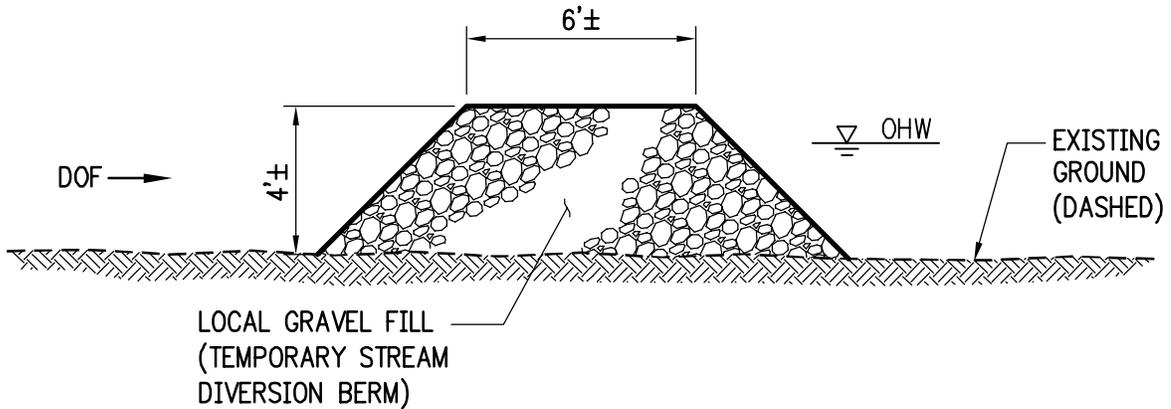
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TYPICAL SECTION

SCALE: 1" = 10'



TYPICAL SECTION

SCALE: 1" = 5'



ADJACENT PROPERTY OWNERS: STATE OF ALASKA,
CITY OF VALDEZ

ALYESKA PIPELINE SERVICE CO.

X319 TAPS MP 784.5 BROWNS CREEK
DEPTH OF COVER RESTORATION
SECTIONS

TRANS ALASKA PIPELINE SYSTEM

DATE: 02/15/19

PLATE 3

REV. C DWN. MTH CKD. AJN APPR. JPD

SCALE: AS NOTED

SHEET 3 OF 3