



P.O. Box 196660

ANCHORAGE, ALASKA 99519-6660

TELEPHONE (907) 787-8700

March 22, 2019

Letter No. 42033

Mr. Tom Stokes, State Pipeline Coordinator
Alaska Department of Natural Resources
3651 Penland Parkway
Anchorage, AK 99508

RE: Trans-Alaska Pipeline System, Pipeline Milepost 779
Land Description Modification for Right-of-Way Lease, ADL 63574
Bank Erosion Repair, Lowe River

Dear Mr. Stokes:

Alyeska Pipeline Service Company, agent for the Trans Alaska Pipeline System lessees, hereby applies to modify the description of the TAPS facilities attached to the referenced lease in order to include lands needed to accommodate the subject new construction. This follows discussions in the recent Monthly Lands and Permits Meeting.

The lands required for construction are described on Attachment A, and the work is described in greater detail on the enclosed narrative and drawings. The lands needed to accommodate the new structure after construction will be precisely described upon completion of the as-built survey.

Also enclosed is a material sale contract application under AS 38.05.550-565 for 4,000 cubic yards to support this work. We prefer to account for the material used by purchase of the full volume contracted instead of by truck count or in-place survey. The application volume equals approximately 180% of the engineered estimate of alluvial material quantity needed.

The work is planned to begin as early as late May this year. Applications are also being filed with the Department of Fish and Game and the Army Corps of Engineers.

Please contact me at 787-8170 if we can provide additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Peter C. Nagel". The signature is fluid and cursive, written over a light blue horizontal line.

Peter C. Nagel, SR/WA
Land and Right-of-Way

Enclosures

cc: SPCS Records

ATTACHMENT A

Township 9 South, Range 4 West (Copper River Meridian)

Section 12 SE4, those lands adjacent to approximately 1500 linear feet of the left (easterly) TAPS right-of-way boundary as shown on sheet 2 of the attached drawing set and lying within 150 feet of that boundary, containing approximately 5.2 acres.

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES

STATE PIPELINE COORDINATOR'S OFFICE

411 West 4th Avenue, Suite 2C, Anchorage, Alaska 99501

(907) 278-8594 or (907) 278-8595

MATERIAL SALE APPLICATION

March 22, 2019

Date Federal Tax I.D. or SSN # (optional) Permit #
BP PIPELINES (ALASKA) INC UNOCAL PIPELINE COMPANY
EXXONMOBIL PIPELINE COMPANY
CONOCOPHILLIPS TRANSPORTATION ALASKA, INC.

Alyeska Pipeline Service Company, Agent

Applicant Name Doing Business As

P. O. Box 196660, MS 596 Anchorage Alaska 99519-6660

Address City State Zip

(907) 787-8170 Peter C. Nagel

Home Phone Work Phone Contact Person

Location of material site/legal description: TAPS Milepost 397, Submerged lands of the Klutina River

Meridian Copper R. Township 9 S. Range 4 W. Section 12 1/4 SE 1/4

Municipality City of Valdez Approximate size of the material site in acres 18 Acres

Applicant is at least 18 years old. Yes No

Quantity of Material desired (Cubic yards): 4,000 cubic yards

Length of time requested for removal: 1 year

When will removal operation begin? Between late May and October, 2019

For what purpose will the material be used? To restore river bank buffer adjacent to TAPS MP 779 by an erosion control structure

Are there any existing permits or leases covering any part of the land applied for? Yes No

If "YES", state name and last known address of lessee permittee

TAPS owners, c/o Alyeska Pipeline Service Company

name

On record

Address City State Zip Phone (H) (W)

Are there any improvements on the lands applied for? Yes No

If "YES", describe, state approximate value, and the name and address of the last known owner:

Buried crude oil pipeline, n/a, TAPS Owners

name

Same

Address City State Zip Phone (H) (W)

Non-Refundable Filing Fee: \$100.00 Date Stamp
Fee may be waived under 11 AAC 05.010(c)

AS 38.05.035(a) authorizes the State Pipeline Coordinator to decide what information is needed to process an application for the sale or use of state land and resources. This information is made a part of the state public land records and becomes public information under AS 09.25.110 and 09.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(9) and confidentiality is requested). Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit are punishable under AS 11.56.210.

Describe the proposed method of excavation, including the type of equipment to be used: Standard construction equipment will remove up to 2' of unvegetated gravel bar material above the water line (see attached drawings).

How many cubic yards do you propose to remove per month? N/A Per year? N/A

Describe the type of material, e.g. course, unsized angular rocks, well sorted and sized gravel, sand and gravel mixed with some shale, etc.:
Riverrun alluvial sand and gravel

If permits are required by other agencies, have they been applied for? Yes No


Signature of Applicant
Peter C. Nagel, Lands Manager

03/22/2019
Date

NOTICE: If the proposed material sale is intended to be used for commercial purposes, please include a copy of your business license authorizing you to do business in the State of Alaska. The application will not be considered complete unless accompanied by a sketch map sufficiently detailed to enable the State Pipeline Coordinator's Office to locate the site. If deemed necessary the State Pipeline Coordinator may require the applicant to submit a more detailed map or survey plat.

Trans Alaska Pipeline System, Milepost 779
Bank Erosion Control Structure, Lowe River
March, 2019

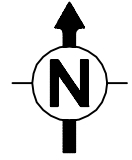
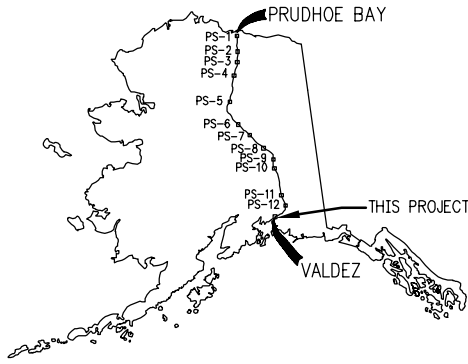
Just upstream of the buried pipeline crossing of the river, the river has eroded approximately 300 feet of bank deposits. To mitigate further erosion and exposure of the pipeline, a bank erosion control structure and a riprap trench key will be installed.

The bank erosion control structure will be composed of local alluvial sand and gravel, tree boles and imported Class III-IV riprap. Alluvial sand and gravel may be borrowed from the unvegetated gravel bars adjacent to the work area. The trench key will be composed of imported riprap with gravel-filled voids.

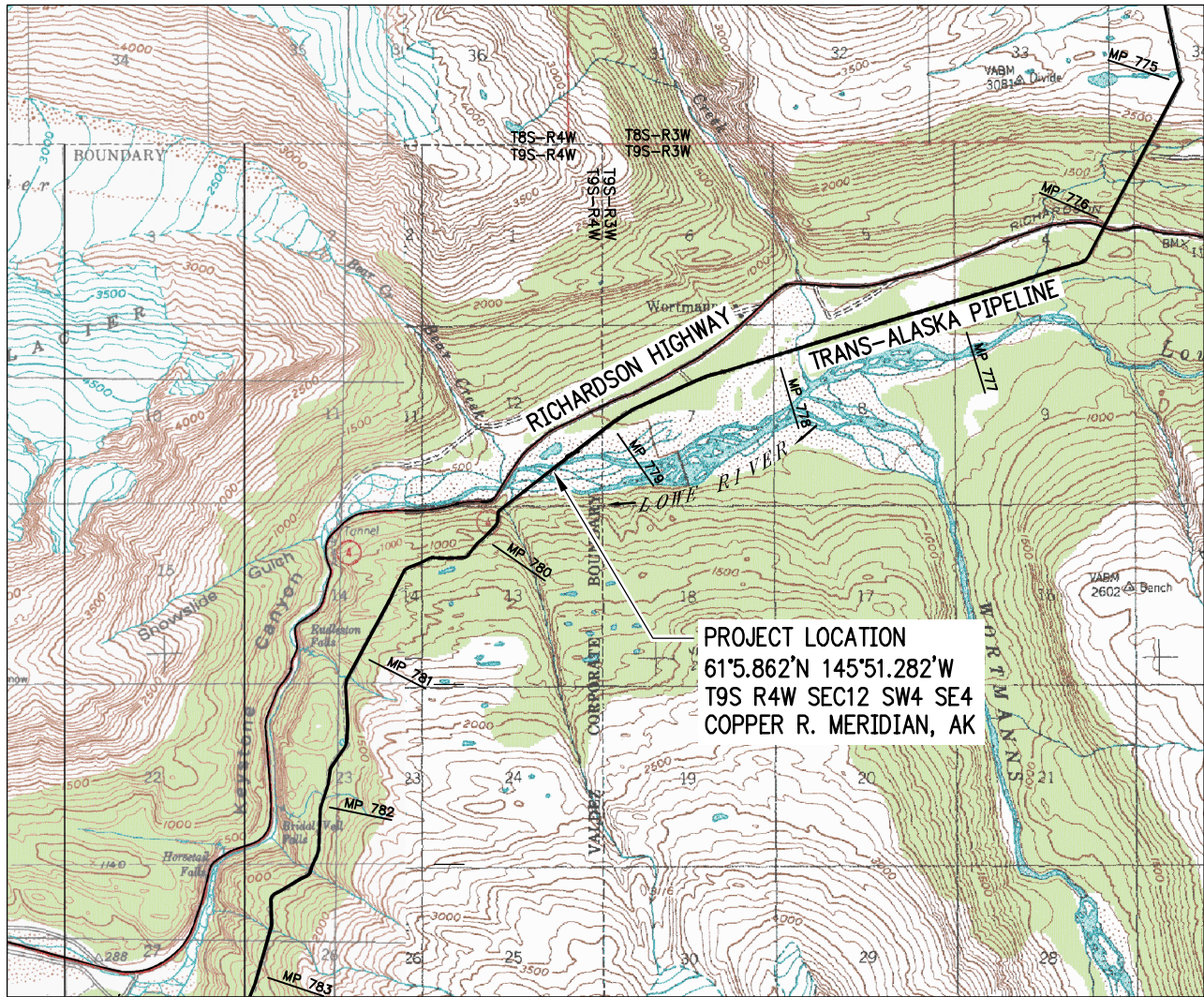
One or more temporary stream diversion berms may be installed upstream of the structures to divert water during construction. Stranded fish, if any, will be moved to undisturbed waterway/s nearby by trained personnel.

Standard construction equipment will be used, starting between late May and October.

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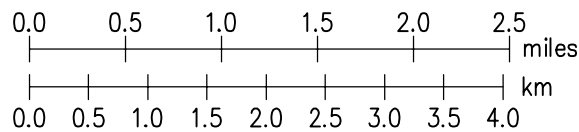


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ADJACENT PROPERTY OWNER: STATE OF ALASKA

ALYESKA PIPELINE SERVICE CO.

X319 TAPS MP 779 LOWE RIVER
BANK EROSION REPAIR
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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FILE DATE: -

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AUTOCAD DWG. DO NOT REVISE MANUALLY.

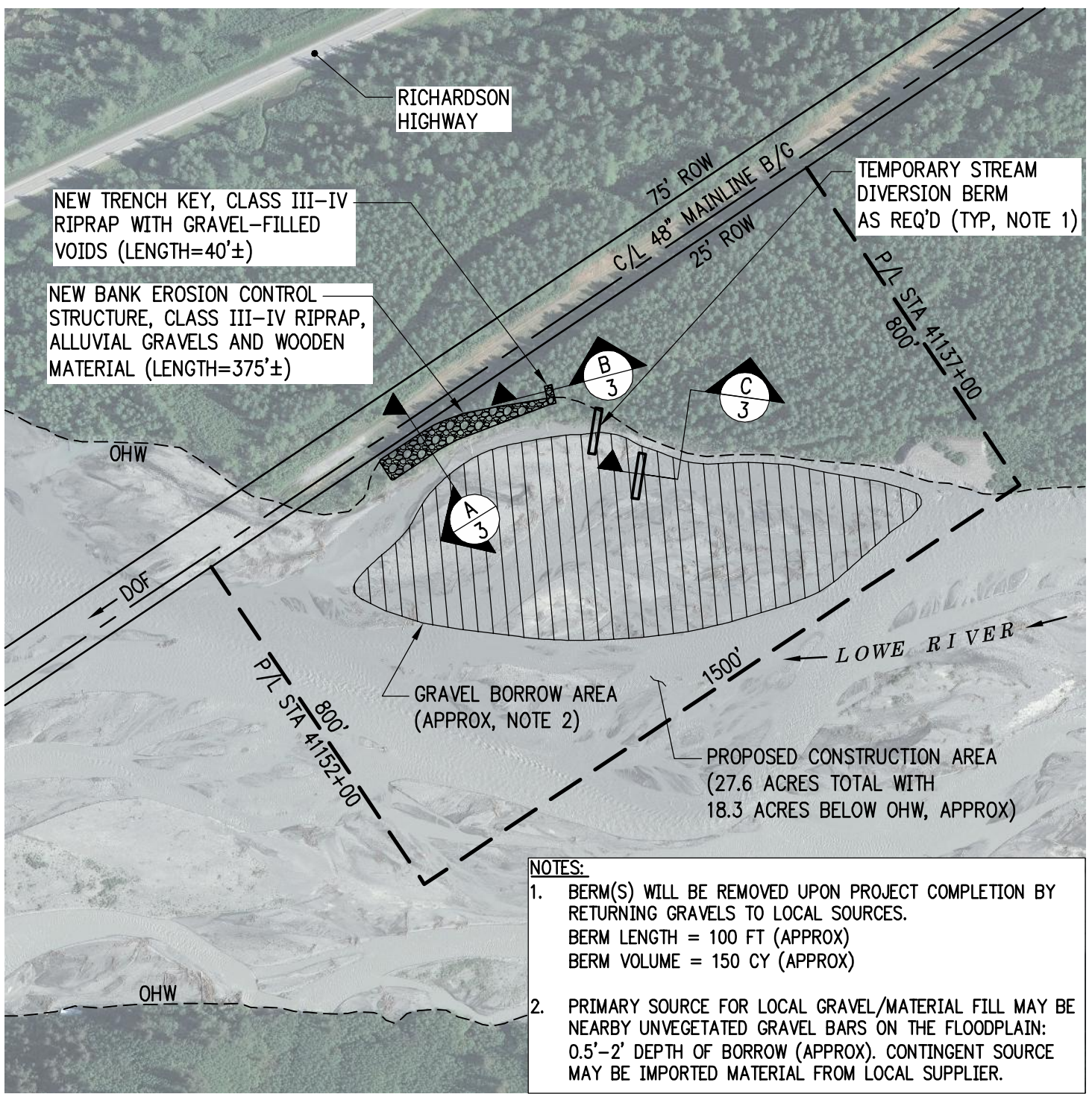
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NEW TRENCH KEY, CLASS III-IV RIPRAP WITH GRAVEL-FILLED VOIDS (LENGTH=40'±)

NEW BANK EROSION CONTROL STRUCTURE, CLASS III-IV RIPRAP, ALLUVIAL GRAVELS AND WOODEN MATERIAL (LENGTH=375'±)

RICHARDSON HIGHWAY

75' ROW
C/L 48" MAINLINE B/G
25' ROW

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

OHW

DOF

P/L STA 800'
4112+00

1500'
LOWE RIVER

GRAVEL BORROW AREA (APPROX, NOTE 2)

PROPOSED CONSTRUCTION AREA (27.6 ACRES TOTAL WITH 18.3 ACRES BELOW OHW, APPROX)

P/L STA 800'
4113+00

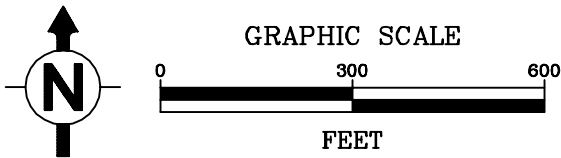
NOTES:

1. BERM(S) WILL BE REMOVED UPON PROJECT COMPLETION BY RETURNING GRAVELS TO LOCAL SOURCES.
BERM LENGTH = 100 FT (APPROX)
BERM VOLUME = 150 CY (APPROX)
2. PRIMARY SOURCE FOR LOCAL GRAVEL/MATERIAL FILL MAY BE NEARBY UNVEGETATED GRAVEL BARS ON THE FLOODPLAIN: 0.5'-2' DEPTH OF BORROW (APPROX). CONTINGENT SOURCE MAY BE IMPORTED MATERIAL FROM LOCAL SUPPLIER.

PHOTO DATE: 2013

PLAN

SCALE: 1" = 300'



ADJACENT PROPERTY OWNER: STATE OF ALASKA

ALYESKA PIPELINE SERVICE CO.

X319 TAPS MP 779 LOWE RIVER BANK EROSION REPAIR PLAN

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

AUTOCAD DWG. DO NOT REVISE MANUALLY.

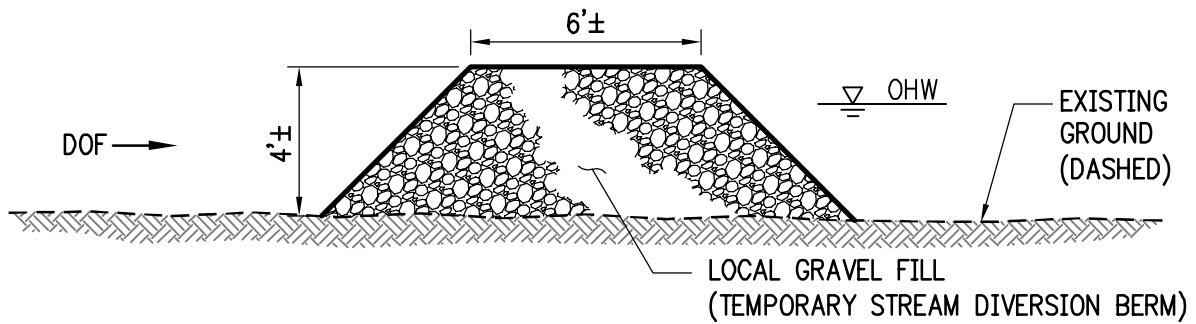
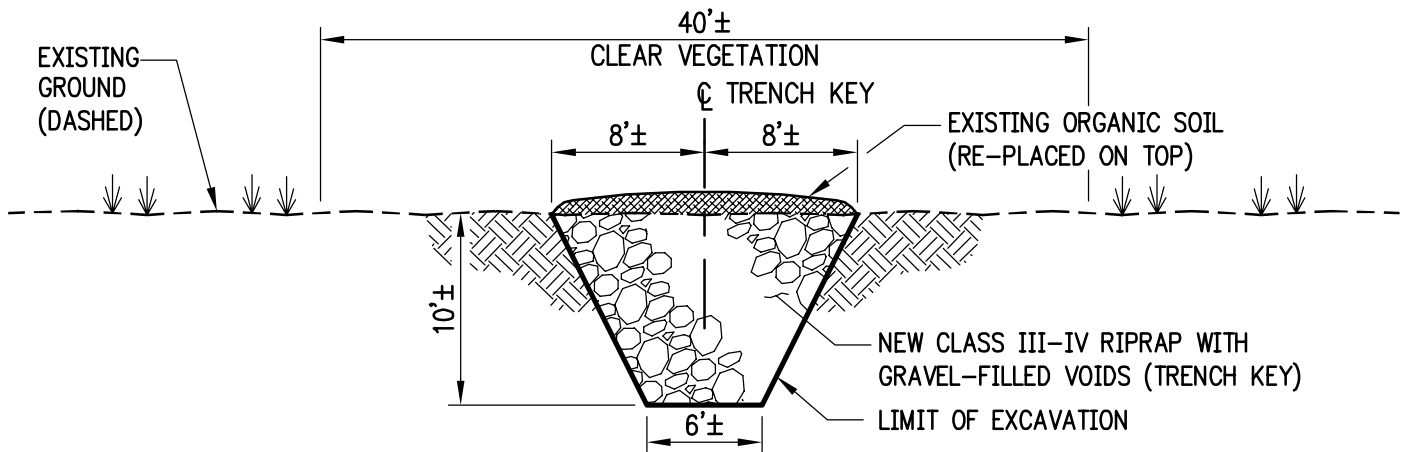
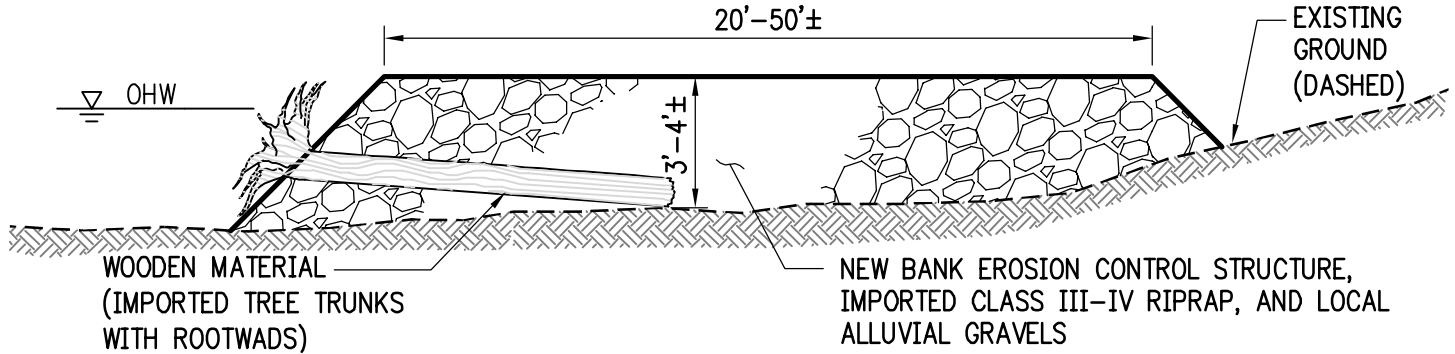
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ESTIMATED MATERIAL QUANTITIES

	BELOW OHW	ABOVE OHW	TOTAL
CLASS III-IV RIPRAP (CY)	150	250	400
CLASS III-IV RIPRAP (SF)	960	640	1,600
ALLUVIAL GRAVEL (CY)	3,300	0	3,300
ALLUVIAL GRAVEL (SF)	17,000	0	17,000



ADJACENT PROPERTY OWNER: STATE OF ALASKA

ALYESKA PIPELINE SERVICE CO.

X319 TAPS MP 779 LOWE RIVER
BANK EROSION REPAIR
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

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