

Box 51, Wrangell, Alaska 99929

2430

April 6, 1970

Wrangell Lumber Company
Box 621
Wrangell, Alaska 99929

ATTENTION: Vern Eliason

Gentlemen:

Your proposed bridge plan for the East Fork of the Bradfield River between Units 35 and 36 has been reviewed by Brad Brahy, Alaska Department of Fish and Game Assistant Area Biologist, and the Forest Service. We have no objections to the proposed bridge plans or location. Construction may begin immediately.

Sincerely,

N. B. SCHOONOVER

N. B. SCHOONOVER
District Ranger

EC: Brad Brahy ✓

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
NORTH TONGASS NATIONAL FOREST
Box 51, Wrangell, Alaska 99929

IN REPLY REFER TO 2430

April 22, 1969

Mr. Brad Brahy
Assistant Area Biologist
Alaska Department of Fish and Game
Box 200
Wrangell, Alaska 99929

Dear Brad:

Attached are two maps showing the location of additional proposed borrow areas for gravel and also the location of two new bridges on the Bradfield River (bridge plans attached). We would like to have your recommendation on these areas and plans.

These borrow areas and the bridges will be necessary for the continuation of Sykes Logging Company's road building program to log the sale.

We will require that the gravel be taken from only exposed gravel bars and that no equipment get into the running water.

The bridges have been constructed without our approval and the hauling over them has been suspended until they are approved. Both bridges are at logical crossing areas and the approaches are at right angles to the streams flow. They are well built and give good clearance above normal high water. Their planned use is for about two months.

If you have any questions or would like to inspect the areas involved, please contact us.

Very truly yours,

Norman B. Schoonover
Norman B. Schoonover
District Ranger

Enclosures



Proposed Borrow Areas

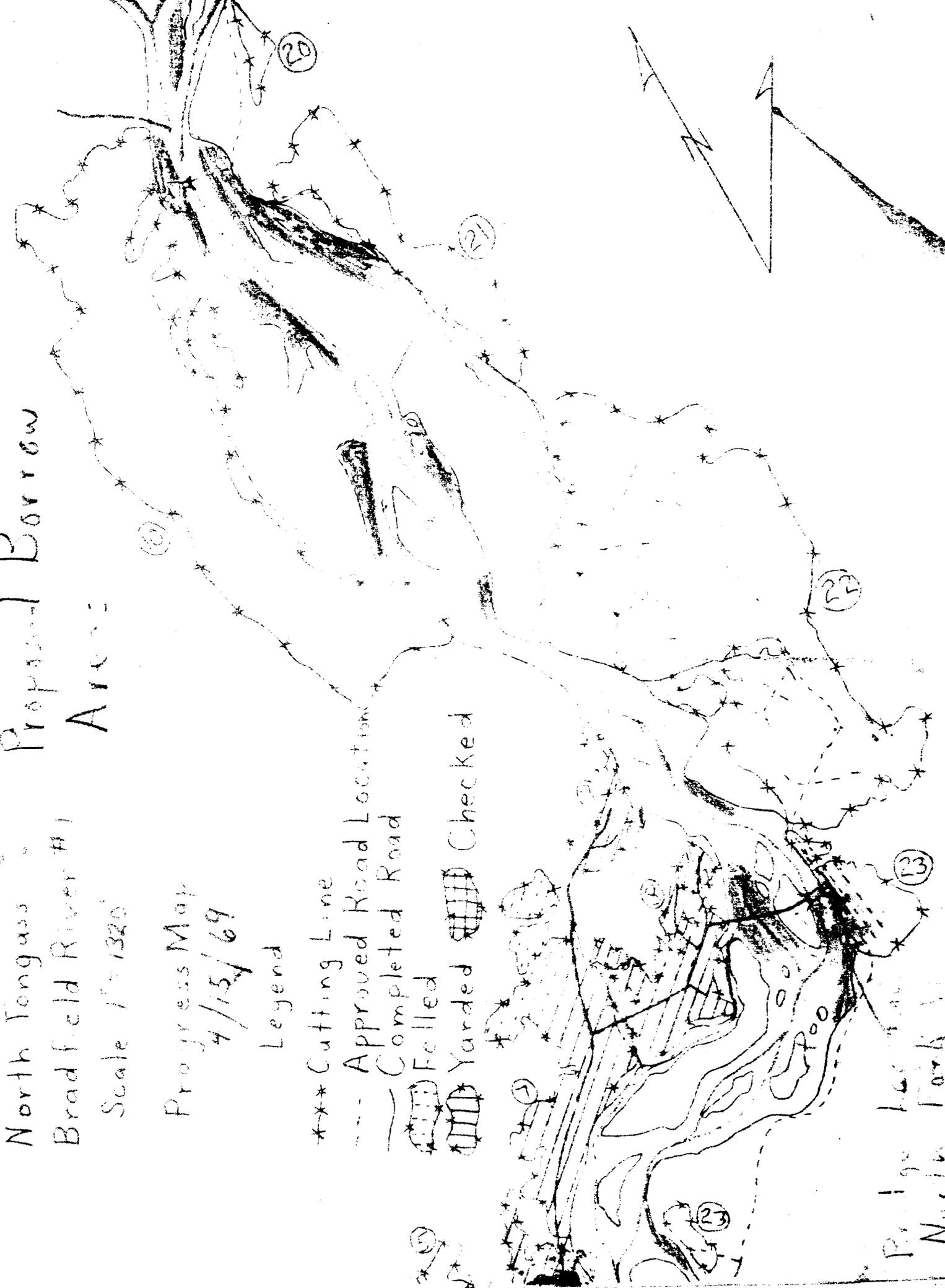
North Tongass
Bradfield River #1

Scale 1" = 1320'

Progress Map
4/15/69

Legend

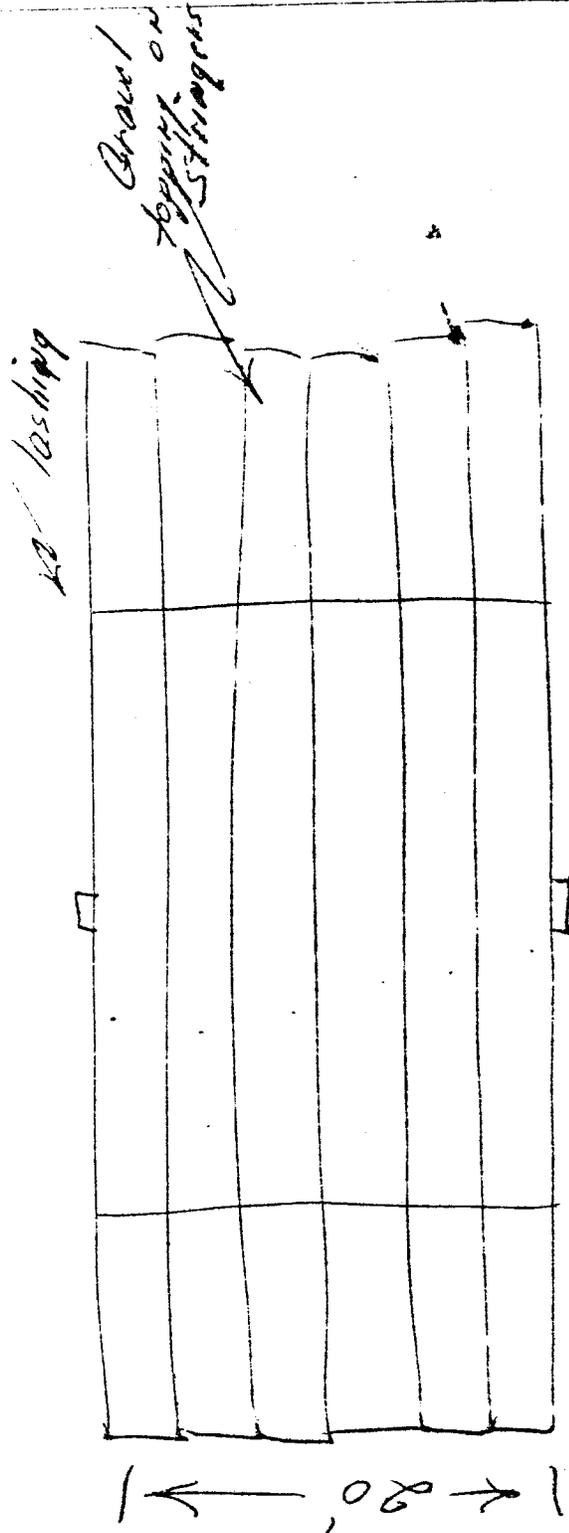
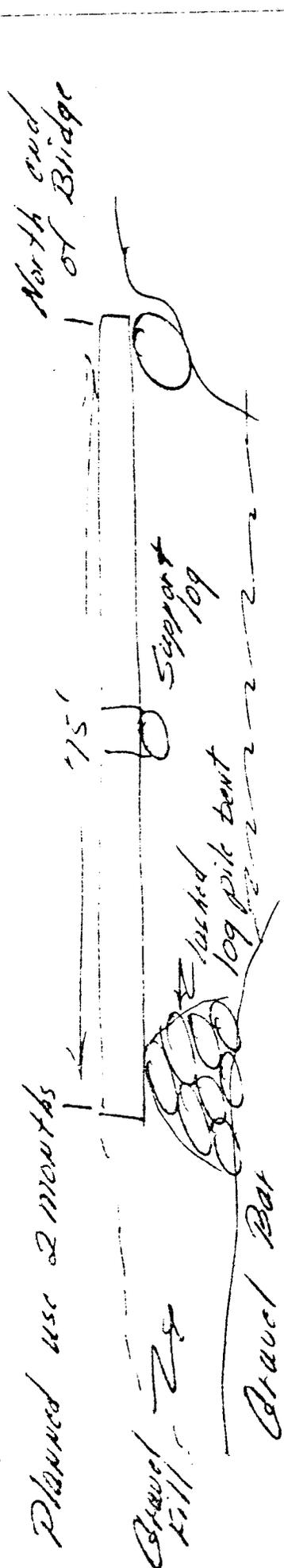
- *** Cutting Line
- - - Approved Road Locations
- Completed Road
-  Felled
-  Yarded
-  Checked



Bradfield River
North Fork

Sykes Logging Co
Contracted to build
North end of Bridge
into Unit 22

Planned use 2 months



North Tongass
Bradfield River #1

Scale 1" = 1320'

Progress Map

4/15/69

Legend

*** Cutting Line

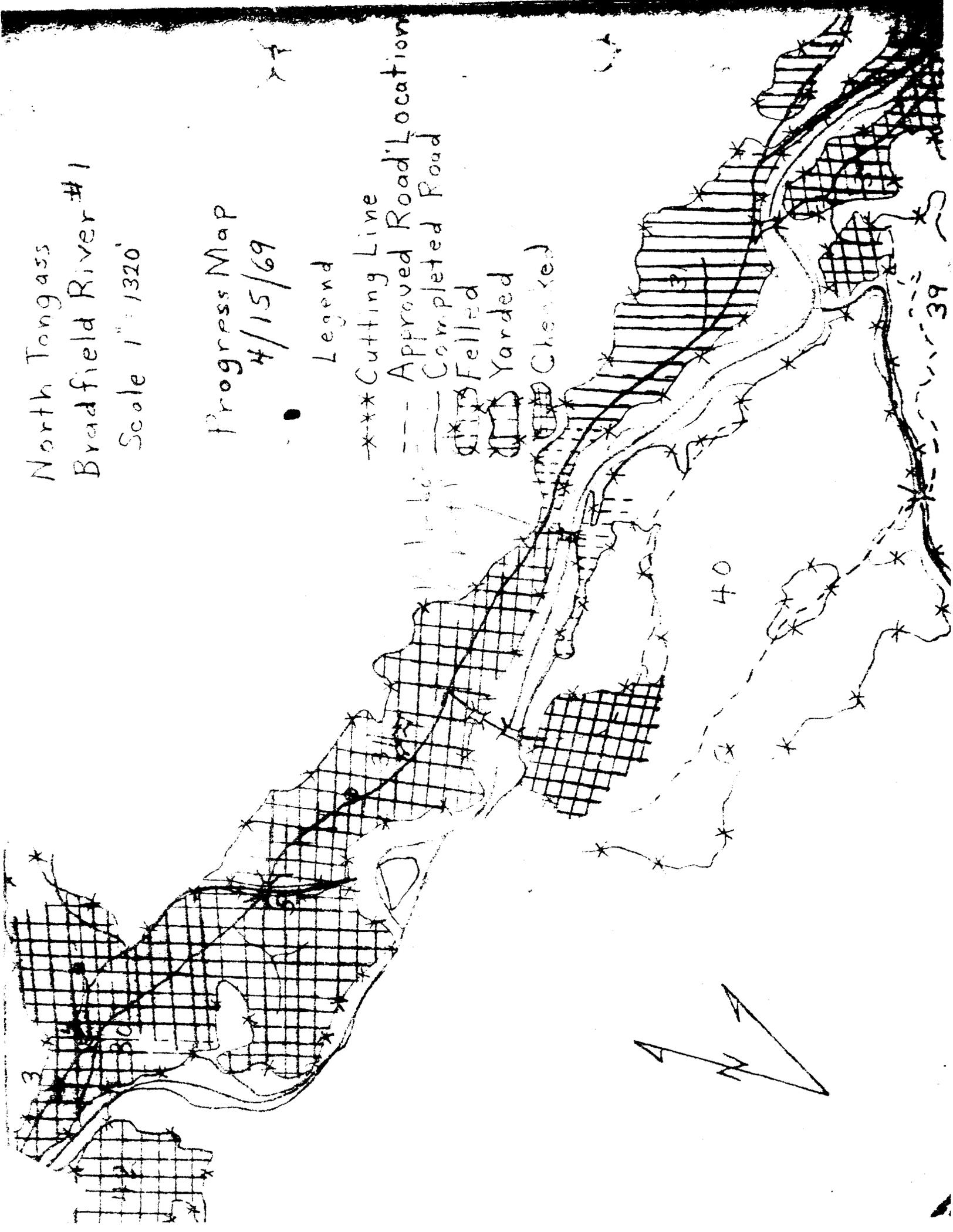
--- Approved Road Location

— Completed Road

▨ Felled

▩ Yarded

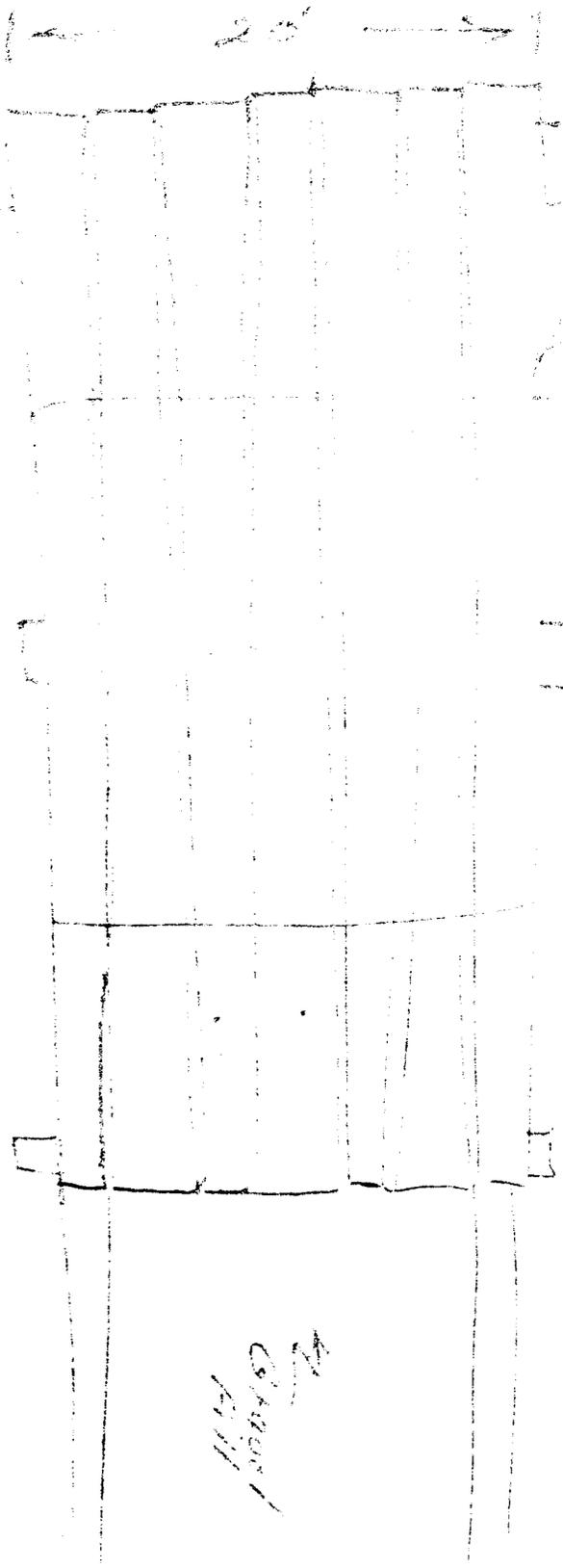
▧ Checked



Sketch of the
plan of the
house

1851

House
No. 100
on 10th St



Living

Support by
lashed ends
springs

1851

1851

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
NORTH TONGASS NATIONAL FOREST
Box 51, Wrangell, Alaska 99929

IN REPLY REFER TO 2400

April 15, 1969

Mr. Bradley Brahy
Alaska Department of Fish & Game
Box 200
Wrangell, Alaska 99929

Dear Brad:

We have for some time discussed with you our plans to use herbicide to control hardwood brush on parts of the Bradfield #1 Timber Sale. This is needed on some of the cutover areas to promptly re-establish a well-stocked stand of spruce and hemlock trees.

There are several areas totaling 165 acres which we plan to treat this spring. These areas are indicated in red on the attached map. Our objective is to hold back the alder and to a lesser extent cottonwood until there is enough spruce and hemlock re-production in condition to compete with the hardwoods.

We will use 2,4-D in a water carrier. It will be applied by a crew on the ground using a backpack sprayer. This method will give us close control on application so direct spraying into the river will be avoided.

The spraying will be done in late May or early June depending on weather and growing conditions. As you requested, we will let you know as far in advance as possible the exact day the work will be started so you can watch it in progress.

Very truly yours,

Norman B. Schoonover

Norman B. Schoonover
District Ranger

Enclosure



Box 51, Wrangell, Alaska 99929

2430

April 16, 1969

Mr. Richard Sykes
Sykes Logging Company
Box 632
Wrangell, Alaska 99929

Dear Dick:

You are permitted to build your proposed airstrip under Section 6.21 of the Bradfield Timber Sale Contract. It will be considered a private strip and part of the temporary development needed to operate the sale. It must be a minimum of 50 feet in width and 2000 feet in length. When the timber sale is completed, the strip is to be put to bed in the same manner as your temporary roads and camp site. These procedures are described in Section B6.62 and C6.62 of the contract and include the following:

1. Remove culverts and temporary bridges.
2. Outslope and cross ditch.
3. Plant grass seed and fertilize.

The Alaska Department of Fish and Game was contacted and they have no objections to the strip's construction according to your proposal. A copy of the location map is attached.

If the strip were to be used for something other than the timber sale, higher construction standards would be required as well as a separate permit for the use of the land.

Very truly yours,

N. B. SCHOONOVER

Norman B. Schoonover
District Ranger

Enclosure

CC: Forest Supervisor
Alaska Lumber & Pulp
Alaska Department of Fish and Game ✓

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
NORTH TONGASS NATIONAL FOREST
Box 51, Wrangell, Alaska 99929

IN REPLY REFER TO 2430

May 23, 1969

Mr. Brad Brahy
Alaska Department of Fish and Game
Box 200
Wrangell, Alaska 99929

Dear Brad:

Attached is a copy of the proposed bridge plan for two high-water bridges crossing an overflow channel on the North Fork Bradfield River. The bridges are to be built at right angles to the stream's flow and are to be of bank-to-bank construction.

Also attached is a proposed construction plan for a stretch of road around the rock bluff area you jointly examined with Vic Baer and Keene Kohrt on May 2, 1969. The enclosed copy of Alaska Lumber and Pulp's letter explains the work to be done in more detail.

We would like your recommendations on these proposed plans.

If you have any questions, feel free to contact us.

Very truly yours,



Norman B. Schoonover
District Ranger

Enclosures





ALASKA LUMBER & PULP CO., INC.
P. O. BOX 1050 • SITKA, ALASKA 99835

COPY

May 15, 1969

Mr. Schoonover
District Ranger
U. S. Forest Service
Wrangell, Alaska 99929

Dear Sir:

Please find enclosed a map showing the location of proposed road construction work and location of two bridges. Also enclosed is a plan for both bridges. The bridges are identical in construction.

Pt. A on the enclosed map is a proposed fill on the gravel bar. This will be rip-rapped on the river side with heavy rock.

Pts. B and D are rock bluffs that will be shot. Light charges will be used to prevent throwing rock across the river.

The bank of Pt. C is severely washing, rock from B and D will be used to rip-rap this bank and form part of the road.

Permission to construct the bridges and perform construction as outlined is requested.

Very truly yours,

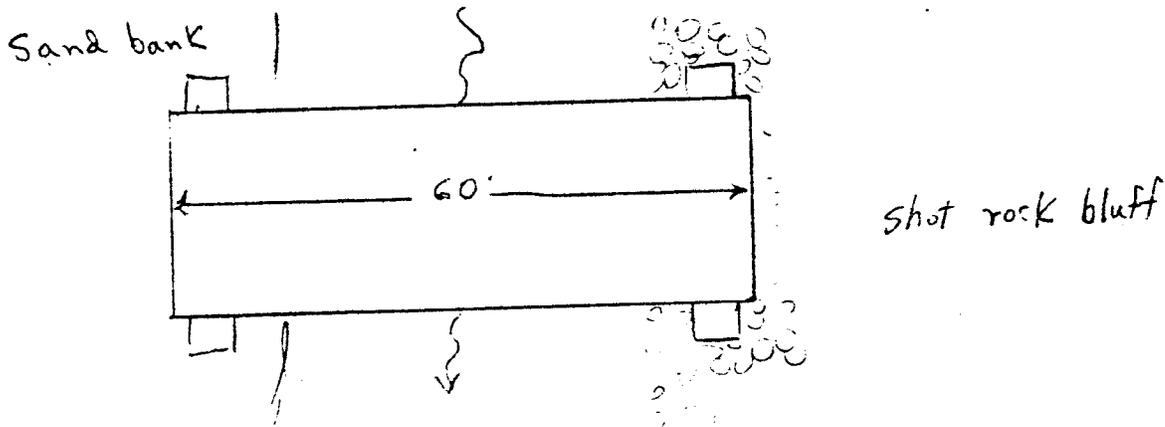
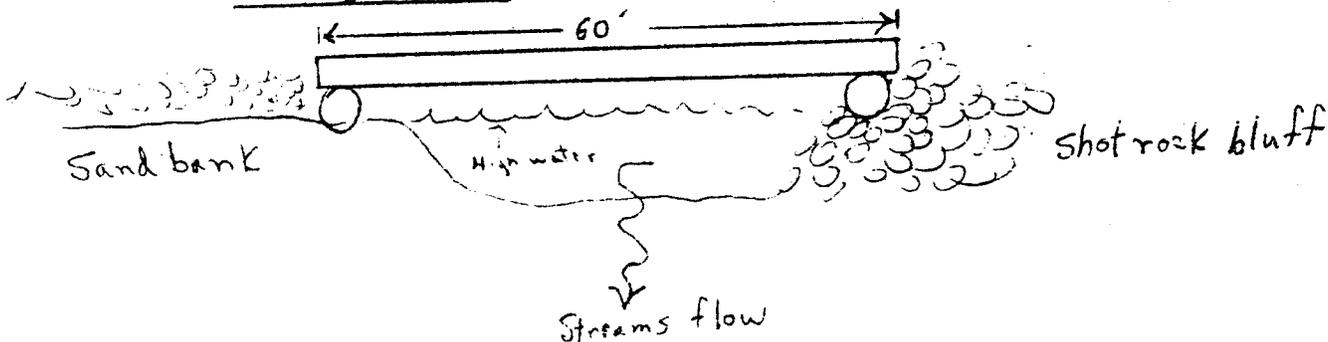
Alaska Lumber & Pulp Co., Inc.

H. H. Eliason
H. H. Eliason
Chief Logging Engineer

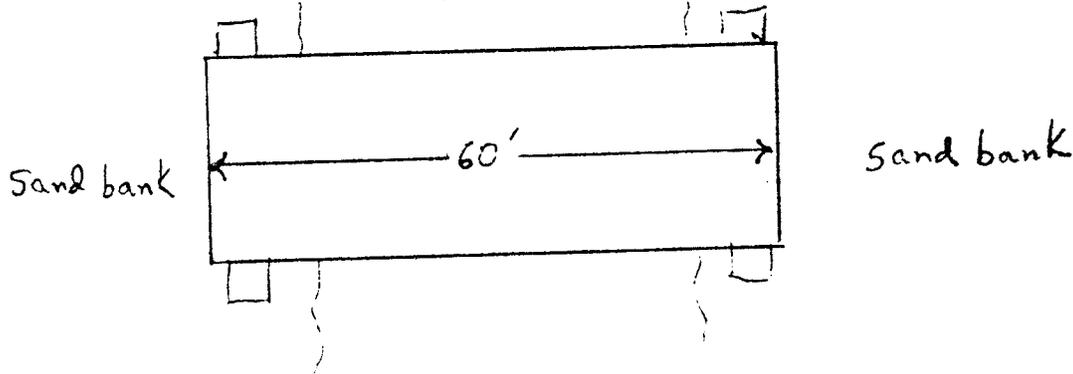
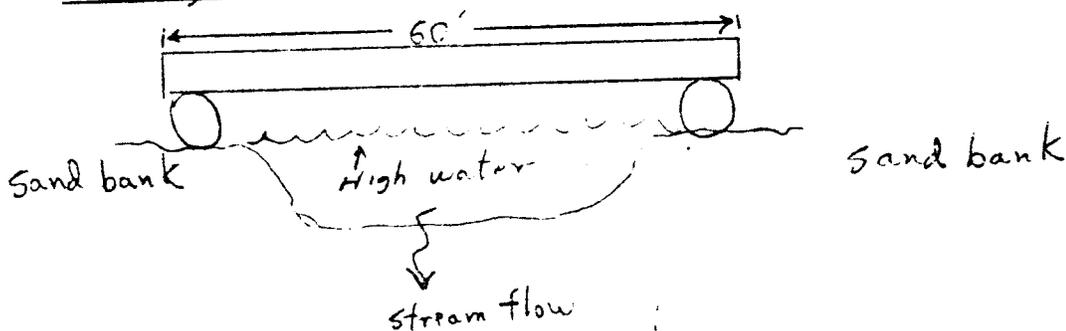
HHE:mm

enc.

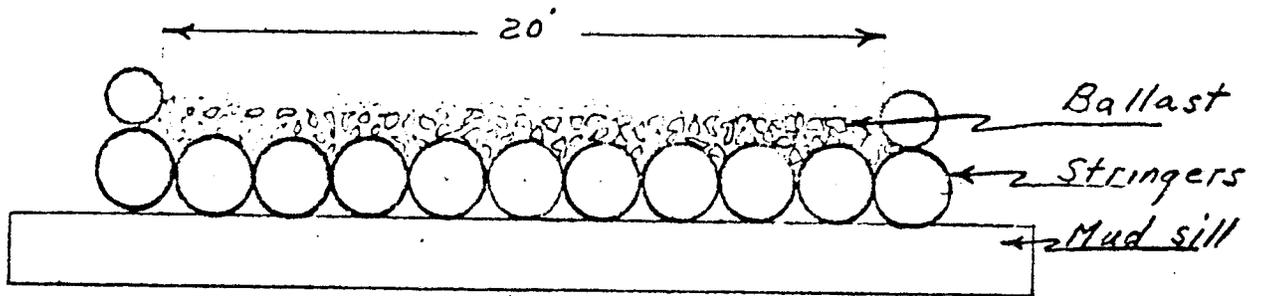
Bridge No. 1



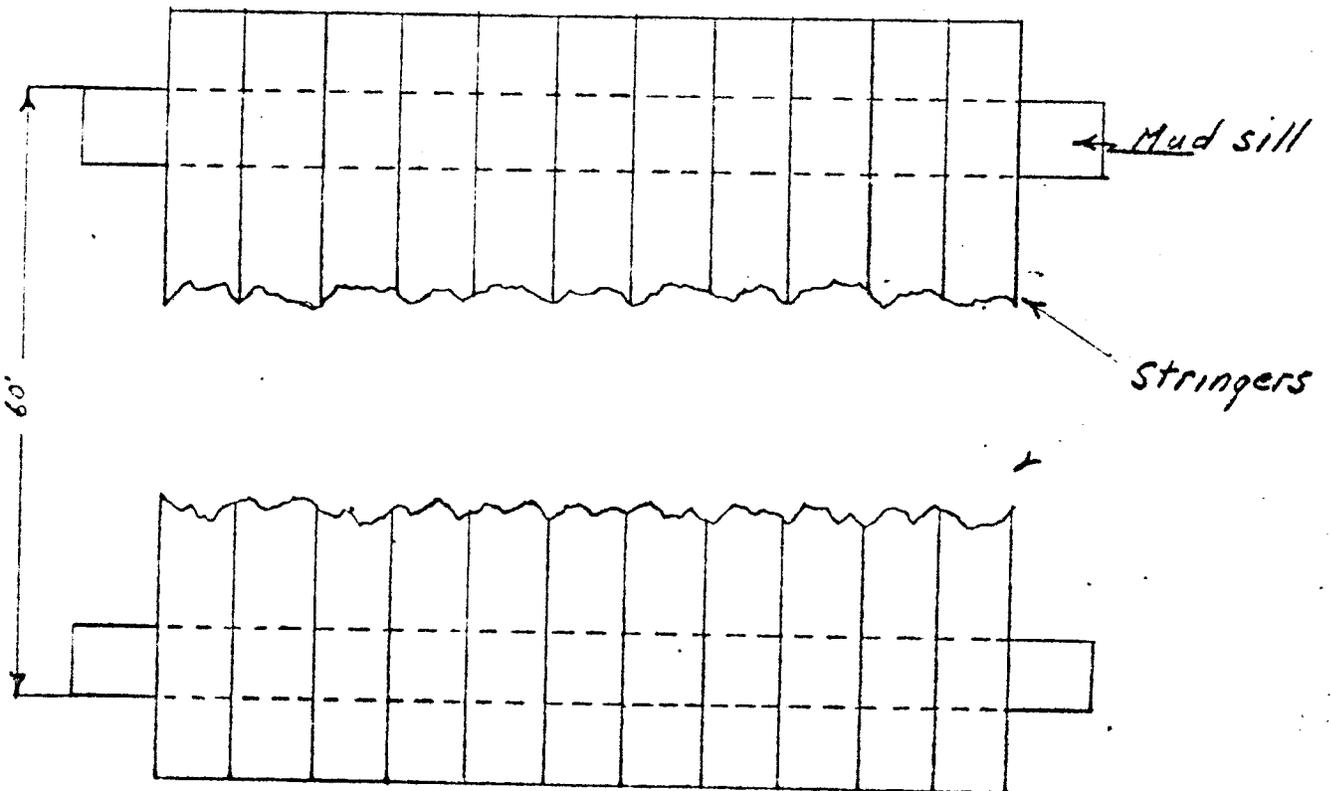
Bridge No. 2



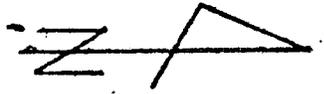
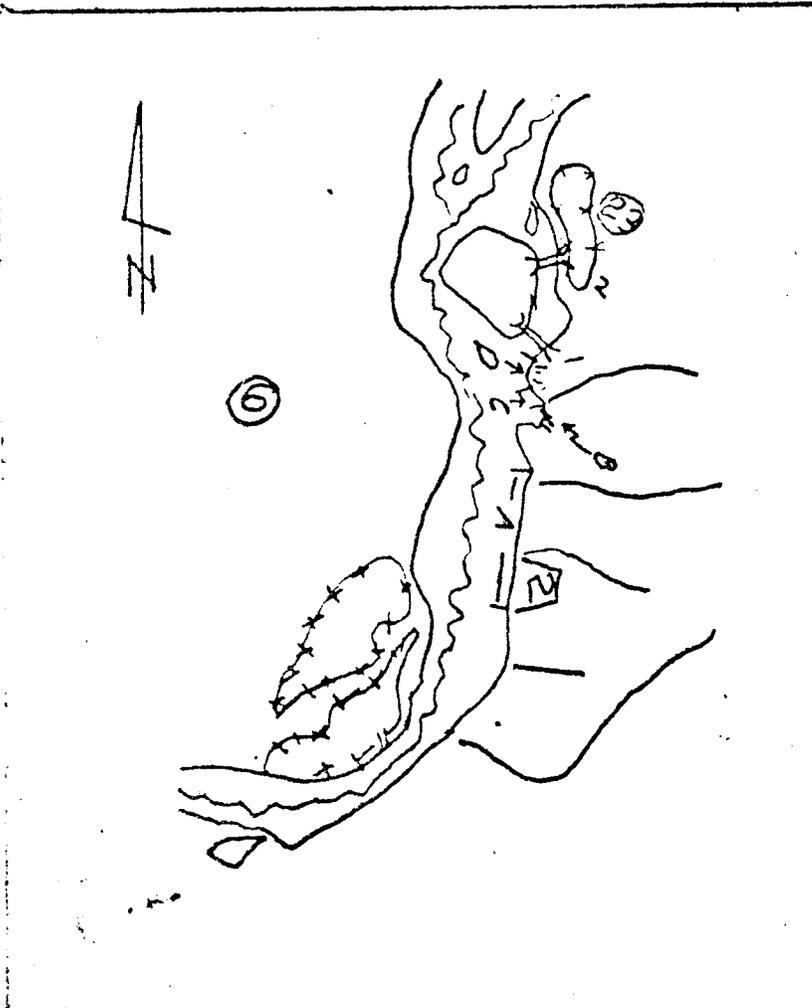
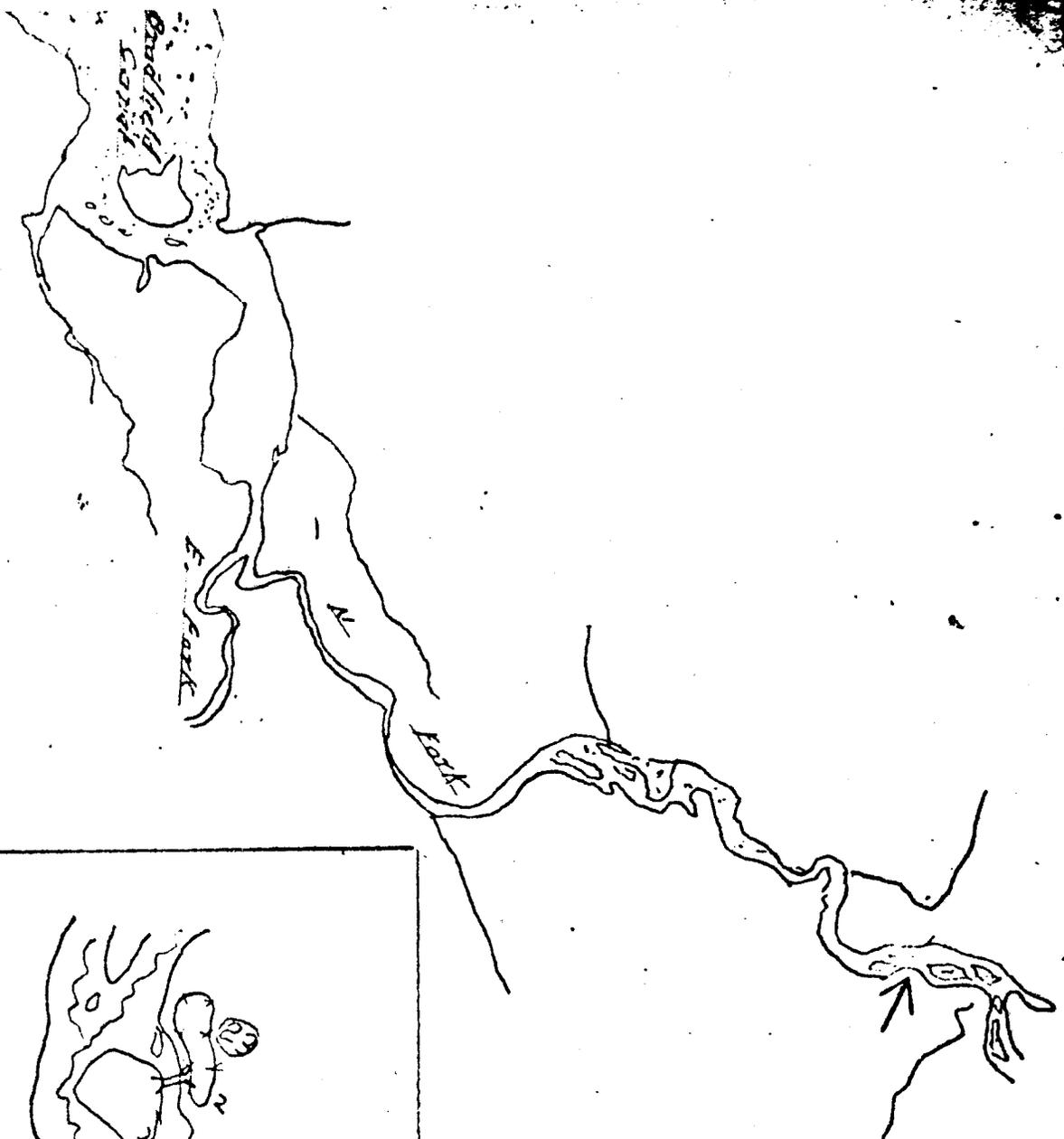
Proposed Bridge Construction
For Bradfield Sale #1



Side View



Top View



Traced from Sale A7a Map
 Bradfield #1, Proposed
 5-19-69 HP

Vicinity Map Traced from
 USGS Quarter Quad Bradfield
 Canal (A-5) Scale 1:63,360

Box 51, Wrangell, Alaska 99929

2430

July 3, 1969

Alaska Lumber & Pulp Co., Inc.
P.O. Box 1050
Sitka, Alaska 99835

ATTENTION: Herb Eliason

Gentlemen:

Your plans for bridge N5 on the North Fork of the Bradfield River are approved and construction may begin immediately.

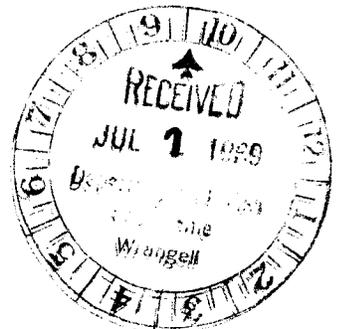
We will require that any bridge approaches made up from river gravel be dozed level with the contour of the river bank after the bridge is removed.

Very truly yours,

N. B. SCHOONOVER

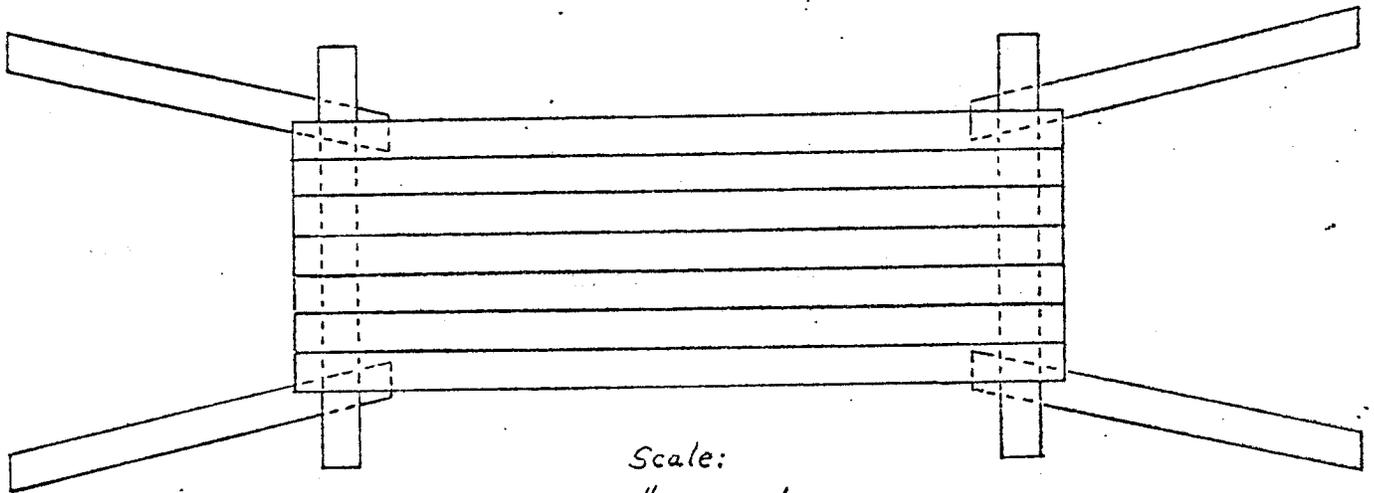
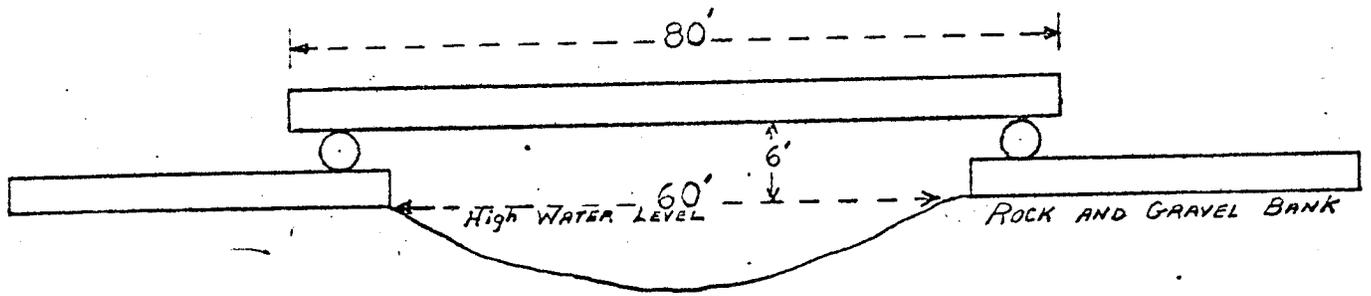
Norman B. Schoonover
District Ranger

CC: Forest Supervisor
Sykes Logging Company
Alaska Department of Fish and Game ✓



BRIDGE SKETCH NORTH FORK OF BRADFIELD RIVER

BRIDGE # N5

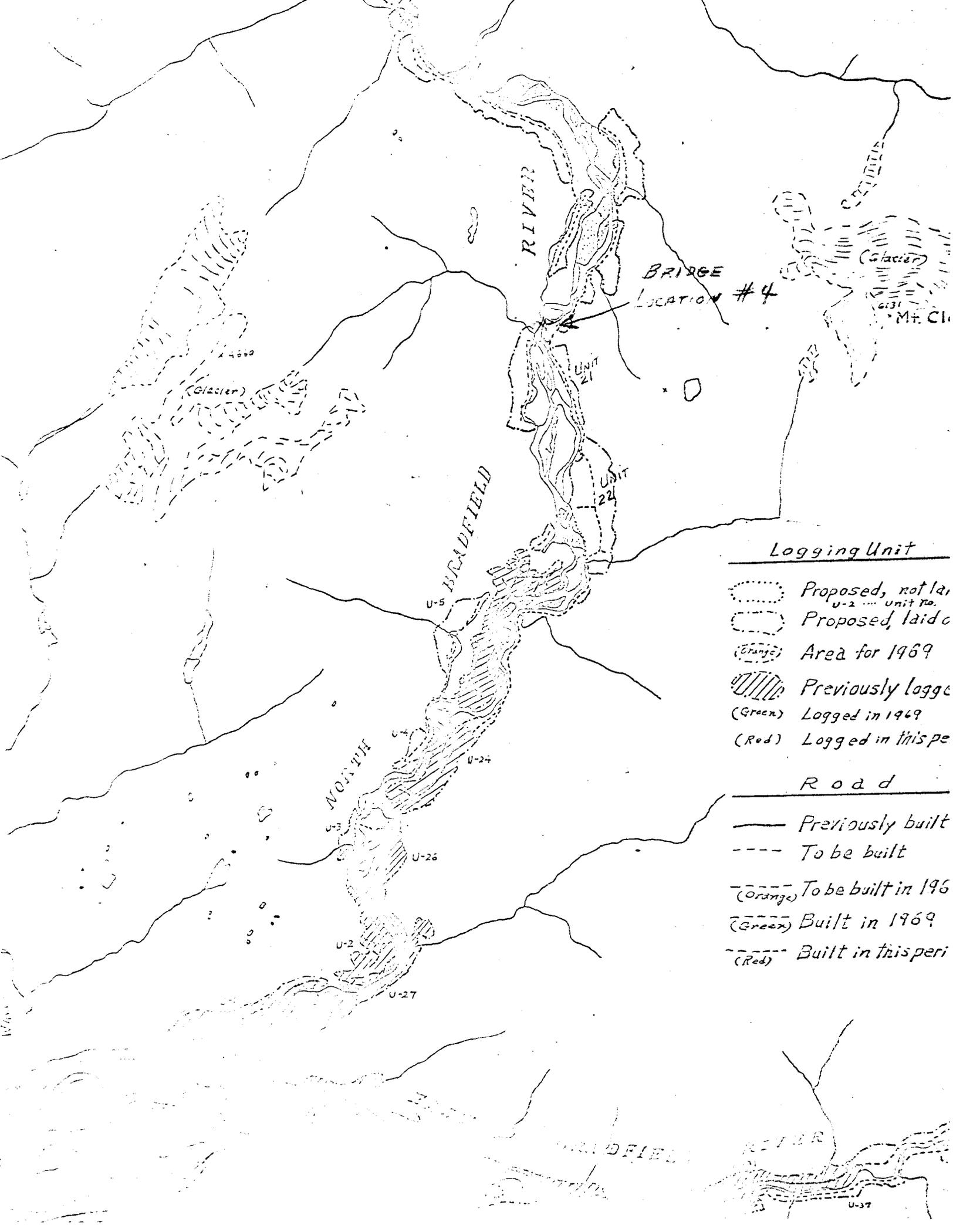


Scale:

1" = 20'

Bridge is to be bank to bank constructed
See attached map for bridge location

6/30/69



Logging Unit

-  Proposed, not laid out
-  Proposed, laid out
-  Area for 1969
-  Previously logged
-  (Green) Logged in 1969
-  (Red) Logged in this period

R o a d

-  Previously built
-  To be built
-  (Orange) To be built in 1969
-  (Green) Built in 1969
-  (Red) Built in this period

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
NORTH TONGASS NATIONAL FOREST
Box 51, Wrangell, Alaska 99929

IN REPLY REFER TO 2430

July 24, 1969

Mr. Brad Brahy
Alaska Department of Fish and Game
Box 200
Wrangell, Alaska 99929

Dear Brad:

Enclosed is a copy of a letter from Alaska Lumber & Pulp Company with a plan for bridge N6 to be built on the North Fork of the Bradfield River.

Please give me your recommendations concerning the design and construction of this bridge.

Very truly yours,

Norman B. Schoonover
Norman B. Schoonover
District Ranger

Enclosures





ALASKA LUMBER & PULP CO., INC.

Sitka Office: P.O. BOX 1050 • SITKA, ALASKA 99835 • TELEPHONE 747-3265

July 21, 1969

Mr. Norman B. Schoonover
District Ranger
U. S. Forest Service
P. O. Box 51
Wrangell, Alaska 99929

Dear Mr. Schoonover:

Please find enclosed two (2) copies of a bridge sketch for bridge N6 Bradfield River, North Fork.

The bridge to be constructed is a standard log stringer type with rock rip-rap approaches.

At present there is a log jam at the site and just north of there. This debris will be removed prior to construction.

A permit for construction is requested.

Very truly yours,

Alaska Lumber & Pulp Co., Inc.

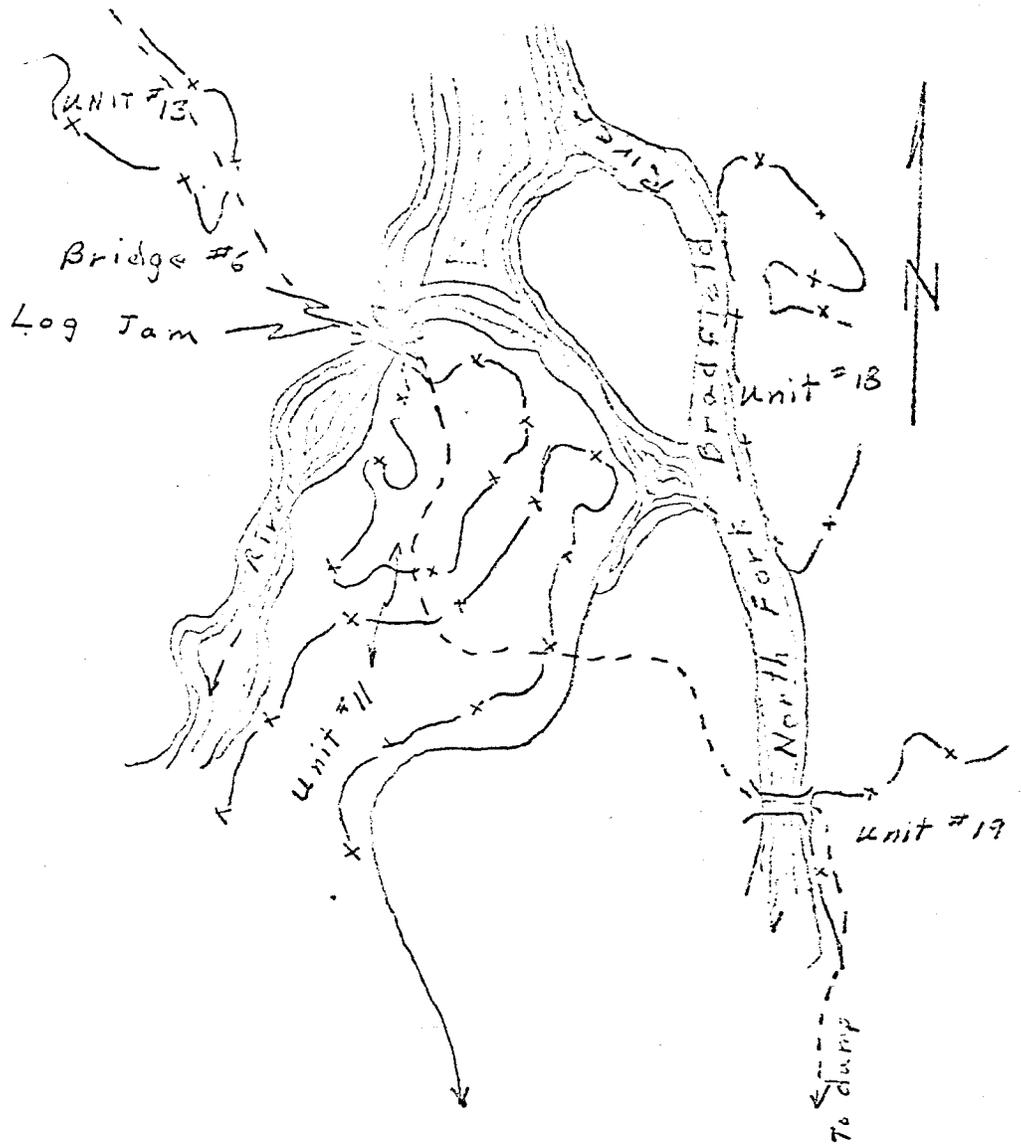
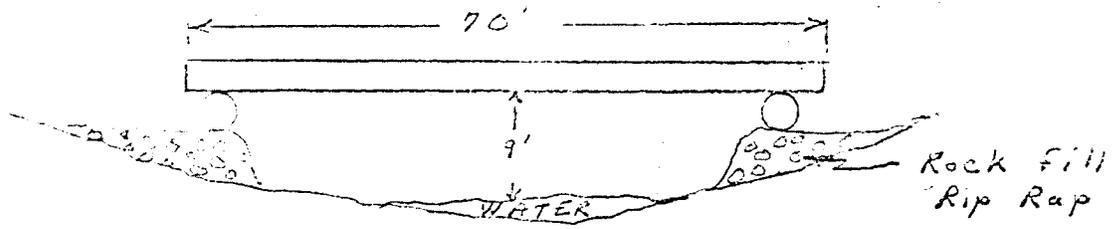
V. L. Eliason
Logging Engineer

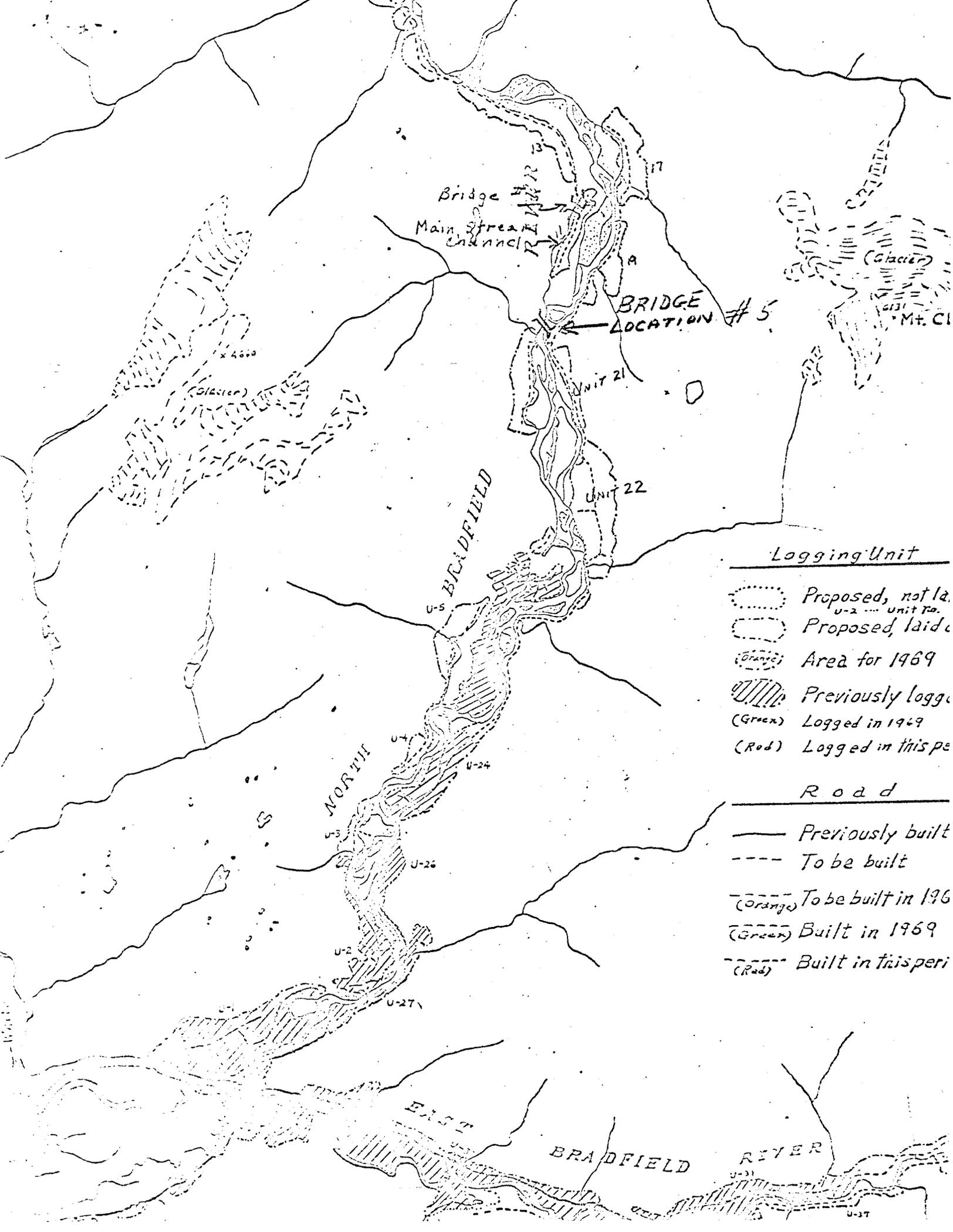
VLE:mm

cc: D. J. Theno
U.S.F.S.

Enc.

Bridge Sketch #115
Bradfield R. - No. Fork





Logging Unit

-  Proposed, not laid out
-  Proposed, laid out
-  Area for 1969
-  Previously logged
-  Logged in 1969
-  Logged in this period

Road

-  Previously built
-  To be built
-  To be built in 1969
-  Built in 1969
-  Built in this period

Box 51, Wrangell, Alaska 99929

2430

July 28, 1969

Alaska Lumber & Pulp Co., Inc.
P.O. Box 1050
Sitka, Alaska 99835

ATTENTION: Herb Eliason

Gentlemen:

Your plans for bridge #6 on the North Fork of the Bradfield River are approved and construction may begin immediately.

We will require that any bridge approaches made up from river gravel be leveled to conform with the original stream banks after the bridge is removed.

Very truly yours,

N. B. SCHOONOVER

Norman B. Schoonover
District Ranger

CC: Forest Supervisor
Sykes Logging Company
Alaska Department of Fish and Game ✓

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
NORTH TONGASS NATIONAL FOREST
Box 51, Wrangell, Alaska 99929

IN REPLY REFER TO 2430

September 23, 1969

Mr. Brad Brahy
Alaska Department of Fish and Game
Box 200
Wrangell, Alaska 99929

Dear Brad:

Enclosed is a copy of a letter from Alaska Lumber & Pulp Company with a plan for bridges N 8 & 9. These two bridges are designed to span an overflow channel on the North Fork of the Bradfield River as indicated on the vicinity map which is also enclosed.

We would appreciate your recommendations concerning the design and construction of these bridges.

Sincerely,



RICHARD K. KOHRT
Acting District Ranger

Enclosures



WRANGELL LUMBER COMPANY
311 OLYMPIC NATIONAL LIFE BUILDING
SEATTLE, WASHINGTON 98104
TELE 206-Mu2-6400

WRANGELL LUMBER COMPANY
P. O. BOX 808
NORTH BEND, OREGON 97458
TELE 503-756-3392

WRANGELL LUMBER COMPANY

HEAD OFFICE.

BOX 801

WRANGELL, ALASKA 99929

TELEPHONE
AREA CODE: 907-844-3371

CABLE ADDRESS
"MOMMA WRANGELLALASKA"

September 8, 1969

Mr. Norman Schoonover
District Ranger
U. S. Forest Service
P.O. Box 51
Wrangell, Alaska, 99929

Dear Mr. Schoonover:

Please find enclosed two (2) copies of a bridge sketch for bridge numbers N 8 & 9. These bridges will span a side slough of the North Fork of Bradfield River as indicated on the vicinity maps, also enclosed.

The bridges will be constructed bank to bank and are high water bridges.

A construction permit is requested.

Yours very truly,

WRANGELL LUMBER COMPANY

John Korthals
John Korthals
Logging Engineer

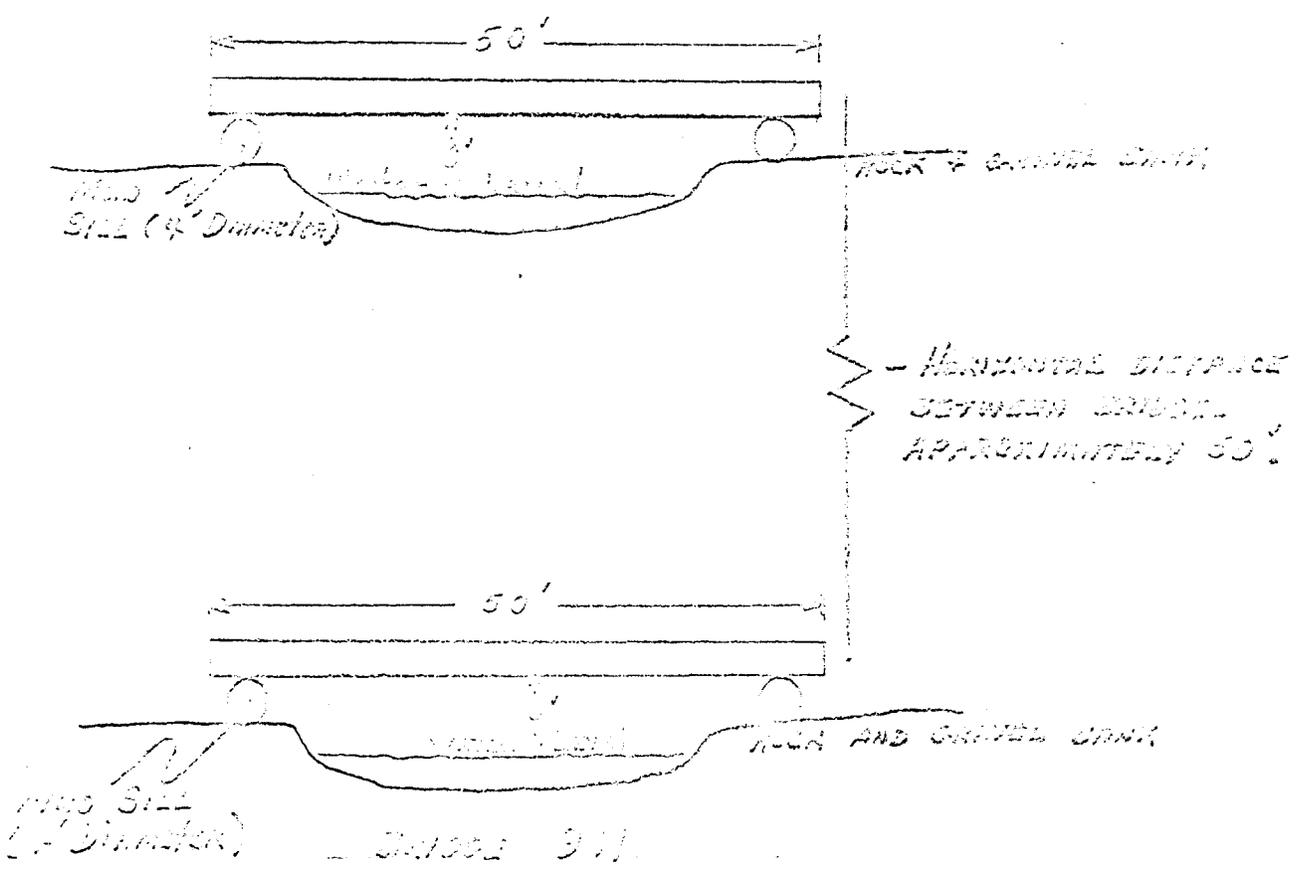
AL: sr

cc: Alaska Lumber & Pulp, Sitka
Pikes Log

WRANGELL DISTRICT	
RECEIVED	
SEP 22 1969	
Initial	Act.
	Ranger
JK	Asst. Ranger
	Sales Officer
	Maint. Worker
	Clerk

BRIDGE SKETCHES
 SYRES LOGGING CO.
 BRIDGFIELD RIVER.

BRIDGE 8N



- NOTE: - BOTH ARE HIGH WATER BRIDGES,
 - CONSTRUCTION TO BE LIGHT TO LIGHT.
 - SEE ATTACHED MAP FOR BRIDGE LOCATIONS.

NEINIT/ MAP
SCALE: 1" = 660'



BRIDGE

NORTH FORK of the

Bridges

10+9N
10+8N

culvert

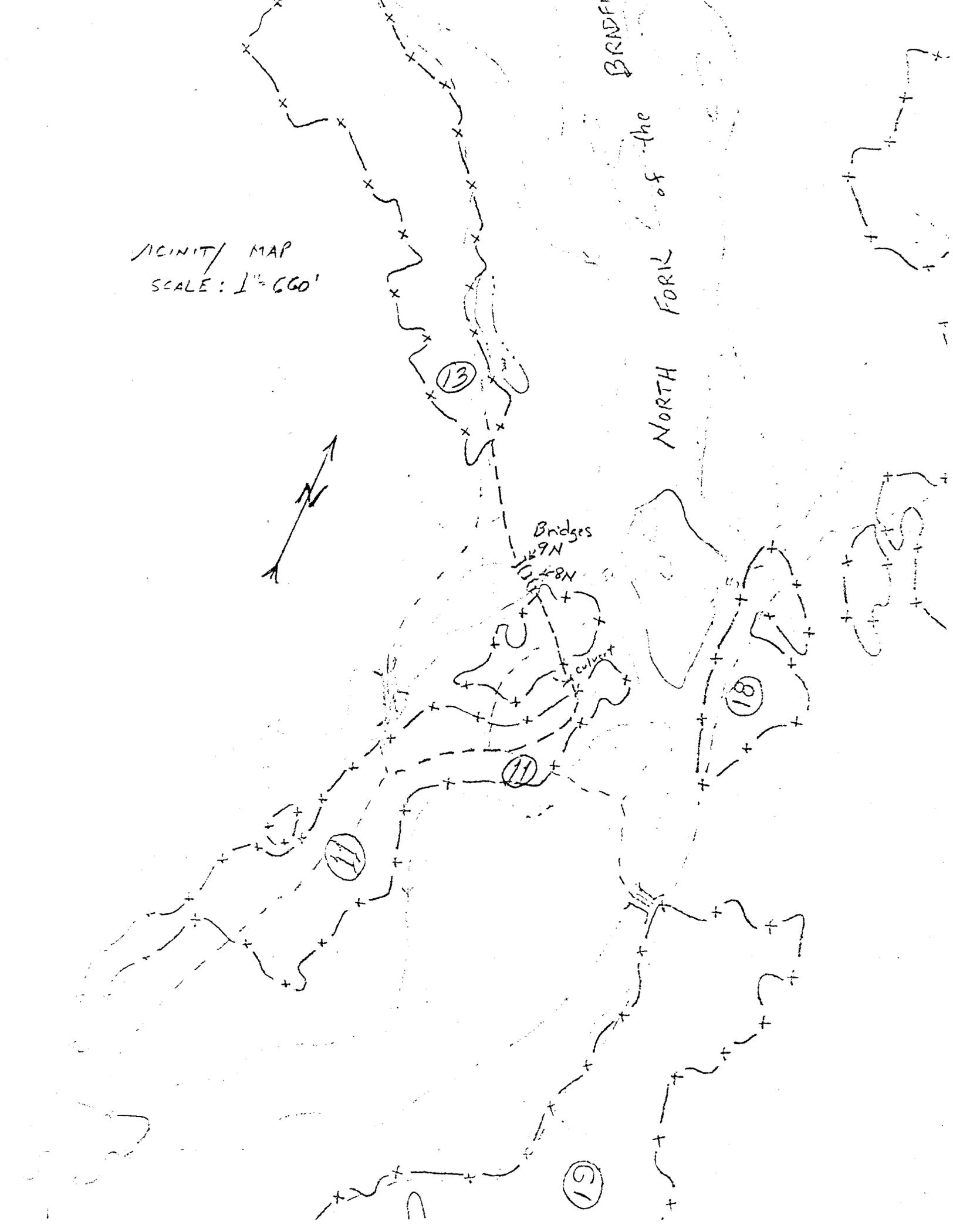
(13)

(18)

(11)

(11)

(51)



STATE OF ALASKA

WILLIAM A. EGAN, Governor

DEPARTMENT OF FISH & GAME

OFFICE OF THE COMMISSIONER

SUPPORT BUILDING
JUNEAU 99801

April 25, 1972

Gary L. McCoy
District Ranger
USDA Forest Service
Box 51
Wrangell, Alaska 99929

Re: Permit for Wrangell Lumber Company, dump rafting
pond, storage, Bradfield River North sale.

Dear Mr. McCoy:

Enclosed are two signed copies of a tideland
permit for the Bradfield River North Timber Sale.

Sincerely,

John Palmes
Regional Habitat Coordinator

cc: Norm Johnston
Harry Merriam
Brad Braby
Bob Baade
Joe Blum



DEPARTMENT OF THE ARMY

ALASKA DISTRICT CORPS OF ENGINEERS

P.O. BOX 7002

ANCHORAGE, ALASKA 99510

Chim P.

O.K. - B.B.

IN REPLY REFER TO

NPACO-OP-P
Bradfield Canal 1

28 June 1972

PUBLIC NOTICE NO. NPA-72-63

Application has been received in this office from the U. S. Forest Service, Post Office Box 1049, Juneau, Alaska, 99801, on behalf of the successful bidder of the Bradfield East Timber Sale, for a Department of the Army permit to construct a log raft storage area in Bradfield Canal off Ernest Sound, approximately 38 miles southeast of Wrangell, Alaska, as shown on the plan on the reverse side of this notice. The storage area is to be located at the east end of Bradfield Canal and will be used for the temporary storage of rafts prior to towing to a mill. The area will be shared by the applicant and Wrangell Lumber Company. Logging operations in the area are scheduled to be completed by 1980. Upon completion, all improvements will be removed and the site returned to as near its original condition as possible.

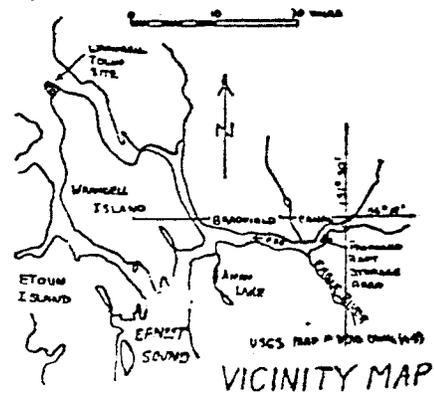
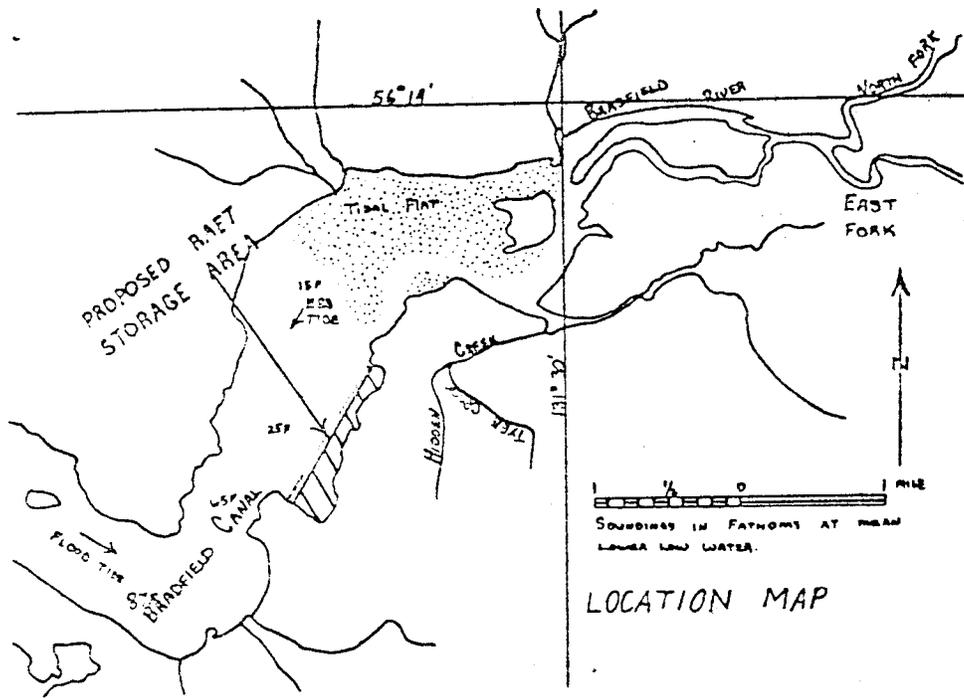
Interested parties are requested to submit in writing any comments or objections that they may have to the proposed work. The decision as to whether a permit will be issued will be based on an evaluation of the impact of the proposed work on the public interest. Factors affecting the public interest include, but are not limited to navigation, fish and wildlife, water quality, economics, conservation, aesthetics, recreation, water supply, flood damage prevention, ecosystems, and in general, the needs and welfare of the people. Comments on these factors will be accepted and considered in determining whether it would be in the best public interest to grant a permit.

Replies to this notice should be mailed to reach the Alaska District Corps of Engineers Office, P. O. Box 7002, Anchorage, Alaska, 99510, no later than 28 July 1972 to insure consideration.

FOR THE DISTRICT ENGINEER:

Incl
As stated

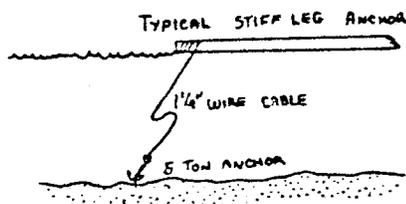
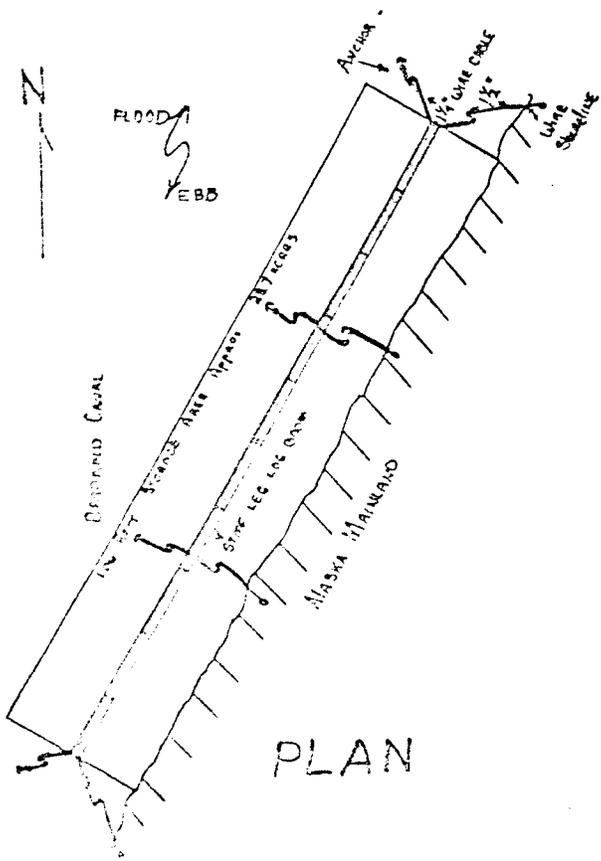
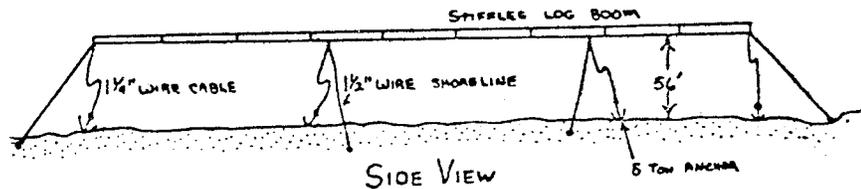
DAVID J. NICHOLLS
Chief, Operations Branch



TIDAL DATA

EXTREME HIGH WATER	20.3'
MEAN HIGHER HIGH WATER	16.8'
MEAN HIGH WATER	15.6'
MEAN LOW WATER	1.4'
MEAN LOWER LOW WATER	3.0'
EXTREME LOW WATER	-4.2'

SCALE IN FEET



PROPOSED LOG RAFT STORAGE AREA
 III: BRADFIELD CANAL
 OFF ERNEST SOUND, APPROX. 38
 MILES S.E. OF WAINWRIGHT, ALASKA
 BY: FOREST SERVICE UNITED STATES
 DEPARTMENT OF AGRICULTURE
 DATE: MAY 4, 1972 SHEET 1 OF 1

Box 51, Wrangell, Alaska 99929

2430

May 11, 1971

Alaska Department of Fish and Game
Support Building
Juneau, Alaska 99801

Attention: Joe Blum

Gentlemen:

There are two areas on the Bradfield River #1 Timber sale where the Bradfield River is washing out our road used in removing timber from the sale. In both places a sand bar has developed across from each area causing the river to turn into the bank thus eroding our main haul road.

We would like to remove part of each sand bar and rechannel the river away from our road.

If we are to rechannel the river in these two locations the work must be done immediately while the river is low.

Please advise us if you have any recommendations concerning proper procedures for rechanneling the river away from the main haul road.

Sincerely,

G. McCOY

GARY L. McCOY
District Ranger

Enclosures



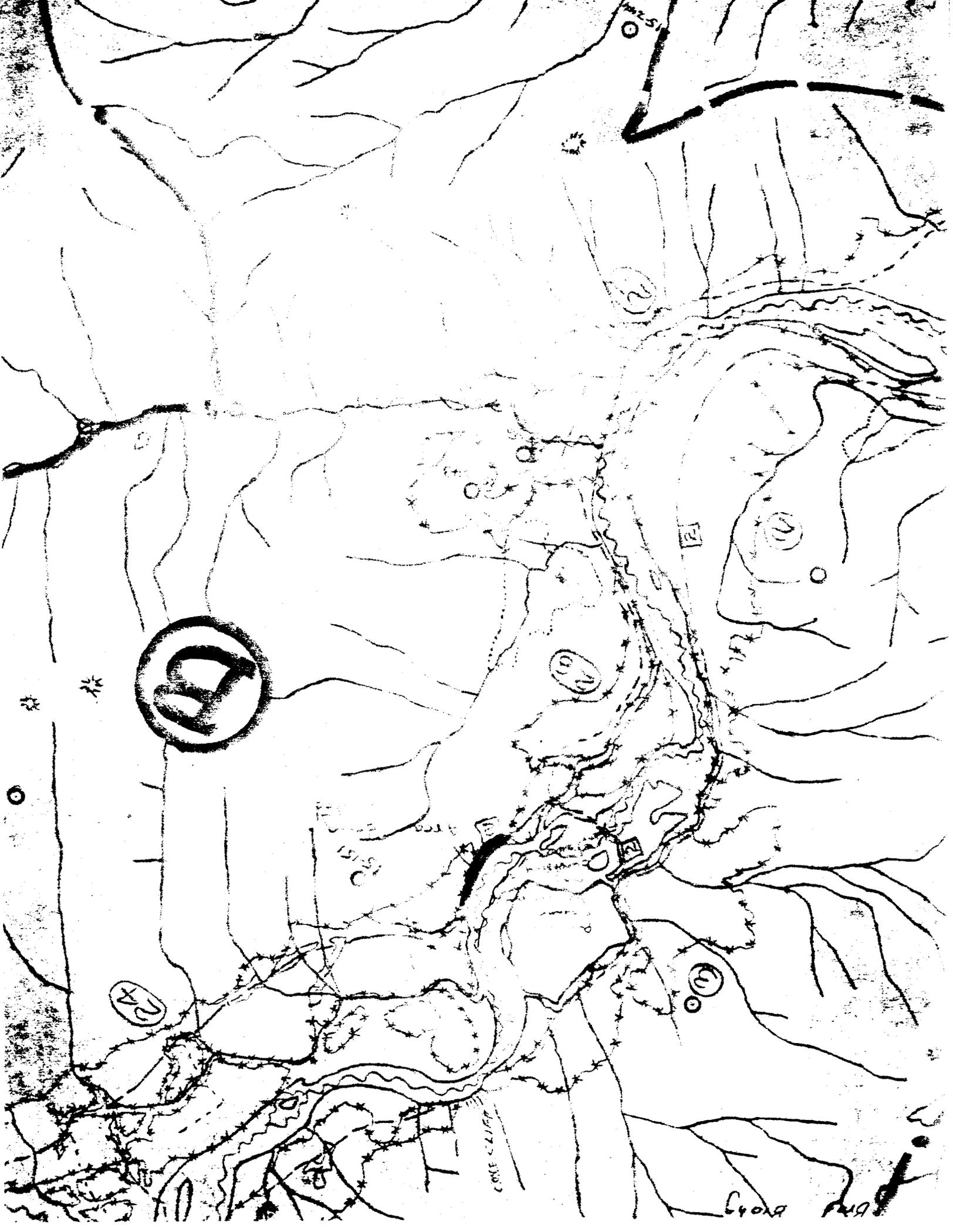
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17

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REPLY MEMO

State of Alaska

MESSAGE REPLY

RECEIVED JOHNSON, JONES
TO BE FILED
DATE 10/6/71

TO _____ DATE _____

1. *Revised version of comment by*

Paul will make our comment:

2. *Revised version of comment by*
10/30/71

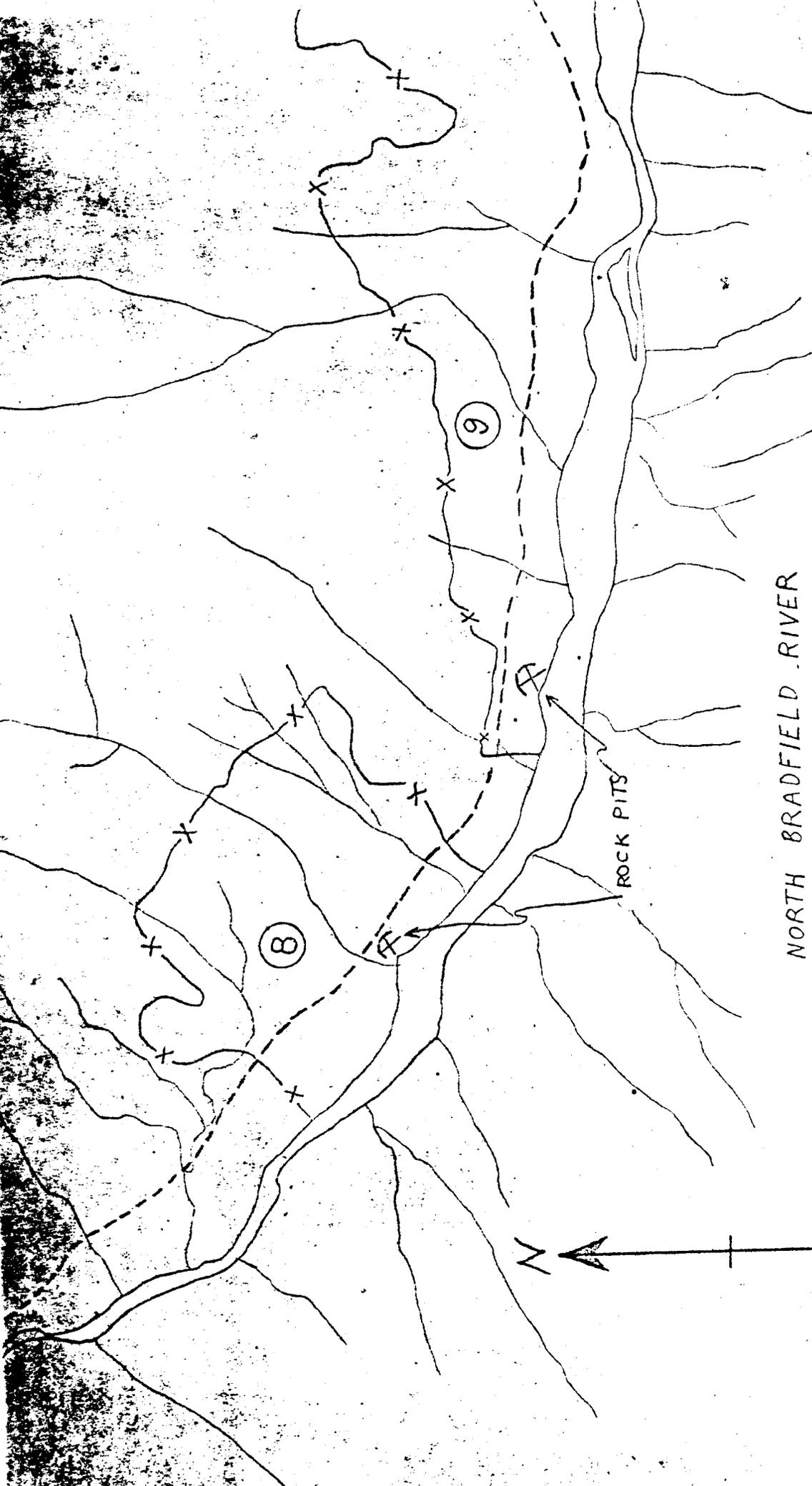
No objections. 10/30/71
" " 11/1/71

John Jones
John Jones

No objections on these
areas provided no
machinery gets into the
creek. B. Brady.

SIGNED

SIGNED



NORTH BRADFIELD RIVER
 SYKES LOGGING COMPANY

LEGEND

- x- UNIT BOUNDARY
- - - PROPOSED ROADS
- ⊗ ROCK PIT

SCALE
 1" : 1320'
 DATE: 9-21-71



ROCK PITS

8

9

STATE OF ALASKA DEPARTMENT OF FISH AND GAME

OFFICE OF THE COMMISSIONER

SUPPORT BUILDING
JUNEAU 99901

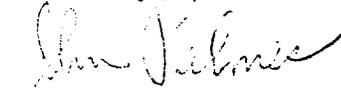
November 1, 1971

Gary L. McCoy
District Ranger
U.S.D.A. Forest Service
P. O. Box 51
Wrangell, Alaska 99929

Dear Mr. McCoy:

The Alaska Department of Fish and Game has no objection to rock pits on gravel bars in the North Fork drainage of the Bradfield River as proposed in your letter of September 30, 1971.

Sincerely,



John Palmes
Regional Habitat Coordinator

cc: Joe Blum
Norm Johnston
Ed Jones
Harry Merriam
Brad Brahy

Box 200, Wrangell, Alaska 99929

October 20, 1971

Mr. Gary McCoy
U.S. Dept. of Agriculture
Forest Service
Box 51
Wrangell, Ak 99929

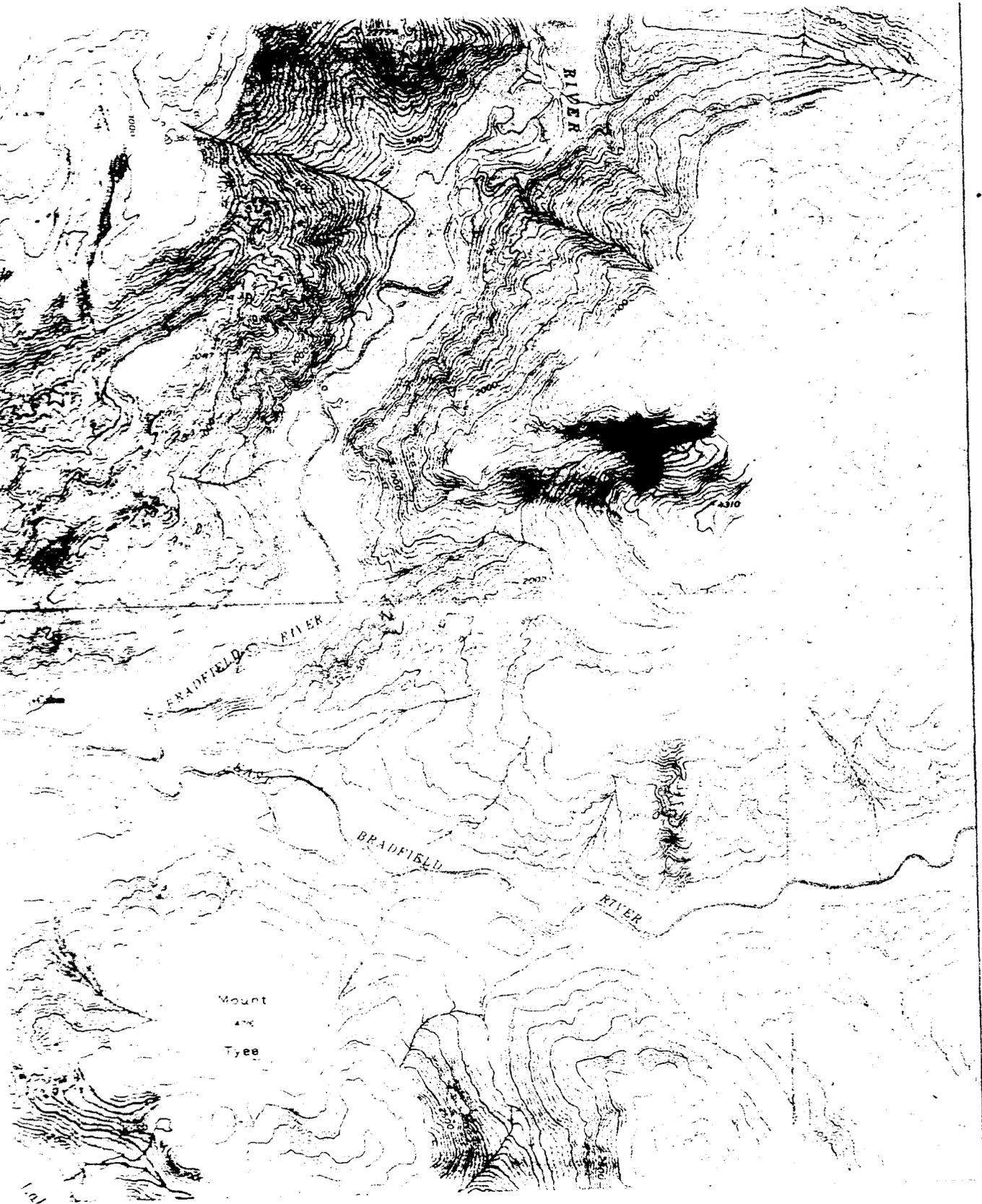
Dear Mr. McCoy,

In the location indicated on the enclosed map there is a gorge, with falls, and whitewater, which may be a barrier to salmon or trout trying to swim further upstream. An aerial inspection of the entire east fork of the Bradfield River on Oct. 15, 1971 revealed no adult salmonids in any part either below or above the gorge. On the same date about 3500 coho were observed in the north fork of the Bradfield. I have not been on the ground enough above the gorge to determine the presence of fry.

Sincerely,

Bradley Brahy
Assistant Area
Management Biologist





UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Box 51, Wrangell, Alaska 99929

2430

October 18, 1971



Mr. John Palmes
Alaska Department of Fish and Game
188 South Franklin
Juneau, Alaska 99801

Dear Mr. Palmes:

The road location to the proposed East Bradfield Timber Sale runs through a rock cliff in the first unit of the sale. If the road is constructed, a 300' full bench cut will be made. The cut will be along the east fork of the Bradfield River as shown on the attached map.

Approximately 3000 cubic yards of material will be shot from the cliff to make way for the road. The few trees on the road line will be lined back and the stumps removed prior to blasting. The rock is fractured granite. A portion of the shot rock will go into the stream. The stream at the point of the cut is deep and fast and approximately 80' wide. It is confined on both sides by rock walls. The stream near the cut contains no spawning areas. At certain water levels, the area might provide holding areas for fish. The smaller rock from the shot should be washed downstream to slower and more shallow portions of the stream. The larger rocks will remain in the immediate area of the shot. The volume of rock put in the stream will not be of sufficient quantity to fill the pool or dam the stream.

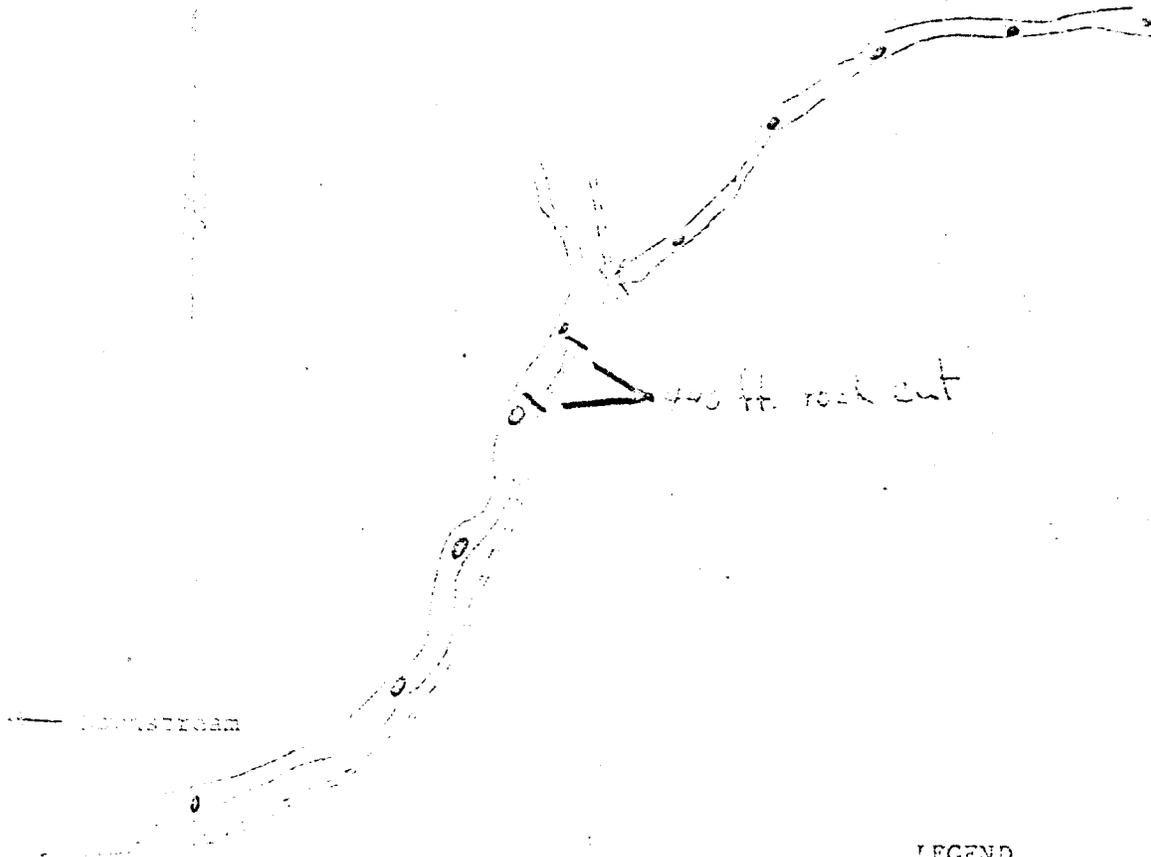
We request Fish and Game recommendations on this area. Brahy has inspected the location and is familiar with it.

Sincerely,


GARY L. McCOY
District Ranger

Enclosure

EAST BRADFIELD TIMBER SALE



LEGEND

-  Existing Road
-  Proposed Road
-  East Bradfield River

SCALE: 1" = 1320'

2430 Commercial Timber Sales
(2620)

October 20, 1971

East Fork Bradfield River

Files

On October 15, 1971, Brad Brahy, Commercial Fish Biologist, and I flew to the Bradfield River to examine a proposed rock cut of 440' near the East Fork of the Bradfield. This rock cut would result in the rock being blown into the East Fork. Our concern is whether or not this can be accomplished without seriously damaging the fishery resource. Brad felt that it could be done without seriously affecting the fishery resource, and possibly afterwards, it might be necessary to use a cat to clear out the rocks in the main channel. This will be determined by another inspection after the blasting has occurred.

We flew from the bridge site downstream to the junction of the North Fork looking for fish in the stream, none were observed. We then flew up the North Fork looking for fish and several schools were seen. Brad estimated that there were approximately 3500 cohos seen in the North Fork. We then decided to fly the entire length of the East Fork looking for fish. None were observed on either the way upstream or coming back downstream.

It was also brought to Brad's attention that we haven't received a letter from him about the fishery resources of the East Fork, i.e., that he thinks it has a block that is probably total to pinks and is probably a velocity block to coho.

CHAD M. CONVERSE

CHAD M. CONVERSE
Forester

CC: Forest Supervisor
Brad Brahy, ADF&G

STATE OF ALASKA

DEPARTMENT OF FISH & GAME

OFFICE OF THE COMMISSIONER

WILLIAM A. EGAN, Governor

SUPPORT BUILDING
JUNEAU 99801

November 18, 1971

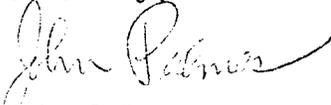
Gary L. McCoy
District Ranger
U.S.D.A. Forest Service
P. O. Box 51
Wrangell, Alaska 99929

Dear Mr. McCoy:

Re: 2430

The Alaska Department of Fish and Game has reviewed plans for a 300 foot bench cut in granite rock along the East Fork of the Bradfield River as indicated in your letter of October 18, 1971. We do not object to shot rock material deposited in the stream below provided that soil and vegetation are not introduced along with rock.

Sincerely,



John Palmes
Regional Habitat Coordinator

cc: Norm Johnston
Brad Brahy
Ed Jones
Harry Merriam
Joe Blum

Box 200, Wrangell, Alaska 99929

August 11, 1972

Dear Mr. McCoy:

The log jams in the lower part of the Bradfield River which Ken Gilbertson and I examined last month didn't appear to be extensive enough to prevent fish from swimming upstream. Therefore we wouldn't be able to appropriate any money for their removal.

We would have no objection if Mr. Sykes wants to remove some parts of these jams for the movie.

Thank you,

Bradley Brahy

Bradley Brahy
Ass't Area Mgmt. Biologist

cc: Norm Johnston

MEMORANDUM

State of Alaska

TO:

Dr. M.P. Wennekens
Juneau

DATE : December 20, 1973

FROM:

Bradley Brahy
Wrangell

SUBJECT: E.I.S. - East Bradfield Timber
Sale

Enclosed for your information is a copy of a letter I sent to Joe Blum in 1970, regarding the East Bradfield. I would like to expand the part about keeping the road 100' from the stream. 100' is probably O.K. on level ground; but, as the slope increases, the distance from the road to the river should also increase.

As I stated in my October 21, 1971, letter to Gary McCoy (included in E.I.S.) I don't think that many fish, if any at all, use the East Bradfield river above the gorge. The prime consideration above the gorge is in preventing additional, unnecessary siltation.

cc: John Edgington

MEMORANDUM

State of Alaska

TO: John Palmes
Habitat Section
Juneau

FILE NO:

DATE March 14, 1972

FROM: Bradley Brahy *B.B.*
Ass't. Area Mgmt. Biologist
Commercial Fish
Wrangell

SUBJECT: Additional log raft storage
area in Bradfield Canal.

I asked the Forest Service today about the proposed additional log raft storage area at the head of the Bradfield Canal. The reason they gave for the increase was that new sales opening up in the Bradfield, would probably involve additional operators, and the additional raft storage area would be needed to prevent the rafts of different operators from becoming mixed up. Apparently they expect more volume with the new sales and additional operators working. I can think of no valid objections to the proposed new areas. Most of the additional log raft storage areas is in deep water.

cc: N. Johnston

Joe Blum, Chief
Habitat Development
Juneau

May 24, 1971

Bradley Brahy
Ass't. Area Mgmt. Biologist
Commercial Fish
Wrangell

Bradfield Canal Logging Road
Washouts

I went to the Bradfield logging camp today with Gary McCoy and Ken Gilbertson, and we checked the two areas where the river is washing into the road.

I think that there would be no damage to any fish resources by diverting the mainstream of the river away from the roads. In the downstream area, the company wants to dig a channel across a horseshoe-shaped sand bar. At the other area, below the bridge farther upstream, they want to deepen the main channel to keep the main flow away from the road.

Enclosed is a roll of undeveloped pictures. I'm sure you can get them processed in Juneau faster than I can here. They should be self explanatory.

The company is in a hurry to do the altering to protect the roads. If you approve I'm sure Gary McCoy would appreciate a quick o.k.

P.S. The last shot is a pile of wood chips on the outside of a chip barge.

cc: G. McCoy
N. Johnston

MEMORANDUM

State of Alaska

TO: [Joe Blum, Chief
Habitat Development
Department of Fish and Game
Juneau

FILE NO.

DATE : Nov. 30, 1970

FROM: Bradley Brahy *B.B.*
Ass't. Area Mgmt. Biologist
Commercial Fish Division
Wrangell

SUBJECT: Road building at Bradfield
Canal logging show.

The enclosed map shows proposed road locations and areas where gravel will be taken from exposed river bars, in the upper east fork of the Bradfield River which is at the head of the Bradfield Canal (about 30-40 miles SE of Wrangell). Four bridges crossing sites are also shown. The Sykes Logging Company is operating in both the east and north forks of the Bradfield River. The area shown in this map will be the terminal section of the east fork. My comments on this area are as follows:

1. Road Location: The roads should be kept a minimum of 100 feet from the river wherever possible to keep silt from washing into river (see page 268, California Fish and Game Bulletin, Volume 56, No. 4, October 1970). In most places on this map the road location looks O.K. In a few spots it gets close to the river where topography necessitates such construction. Where possible, though, a 100' minimum distance is good planning.
2. Bridge Locations: All O.K.
3. Gravel Removal Areas: All O.K. providing that if gravel is removed from the bars below the level of the stream, a margin of the bar be left between the stream and the area where gravel is removed to act as a dike to prevent silt laden water from entering the stream. In addition, tractors, dozers, loaders, and trucks should not be operated in the stream. Such operations initiate streambank erosion, and kill eggs and fry by crushing them.

I flew over this area in a helicopter with the Forest Service this summer. This river is difficult to survey because when the fish are running the river water is turbid from glacial run-off. The river does have good runs of coho and some kings, however. In its lower reaches the valley floor widens to about a mile or so, and the main channel of the river does some wandering from year to year.

cc: to Norman Johnston

MEMORANDUM

State of Alaska

TO: Joseph Blum
Chief, Habitat Development
Juneau

DATE : October 27, 1970

FROM: *B.B.*
Bradley Brahy
Ass't. Area Mgmt. Biologist
Commercial Fish Division
Wrangell

SUBJECT: Bradfield Bridges

I have no objection to either of these two bridges 1BN or 2BN on the north fork of the Bradfield. They appear to be routine.

Box 200, Wrangell, Alaska 99929

Sept. 26, 1969

Keene Kohrt
United States Dept. of Agriculture
Forest Service
P. O. Box 51
Wrangell, Alaska 99929

Dear Keene:

With reference to your letter of Sept 23, 1969 (number 2430), regarding the construction of two bridges on the north fork of the Bradfield, I have no objections to the construction of these bridges.

Sincerely,

Bradley Brahy

Bradley Brahy
Asst. Area Mgmt. Biologist

Box 200, Wrangell, Alaska 99929

July 25, 1969

Norman Schoonover
United States Dept. of Agriculture
Forest Service
Box 51
Wrangell, Alaska 99929

Dear Norm:

With reference to your letter of 24 July 1969 (number 2430), regarding the construction of bridge number six on the north fork of the Bradfield, my only comment is that when the bridge is removed, the approaches should be leveled to conform with the original stream banks.

Sincerely,

Bradley Brahy

Bradley Brahy
Asst. Area Mgmt. Biologist

P. O. Box 200, Wrangell, Alaska 999929

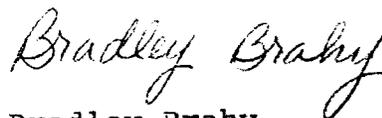
May 23, 1969

Mr. Norman Schoonover
United States Dept. of Agriculture
Forest Service
North Tongass National Forest
P. O. Box 51
Wrangell, Alaska 99929

Dear Mr. Schoonover:

I have no particular comments on the construction of the two bridges or the section of road mentioned in your May 23 letter to our department.

Sincerely,



Bradley Brahy
Ass't. Area Mgmt. Biologist

MMMMMMMMMM
Keith Miller,

P. O. Box 200, Wrangell, Alaska 99929

Feb. 25, 1969

Mr. Norman Schoonover
District Ranger
U.S. Dept. of Agriculture
Forest Service
Box 51
Wrangell, Alaska 99929

Dear Mr. Schoonover:

The Fish and Game Department has no objections to the construction of the proposed airstrip at Sykes' Logging camp as described in your letter to us of February 6, 1969.

Sincerely,

Bradley Brahy

Bradley Brahy
Ass't. Area Mgmt. Biologist

MEMORANDUM

State of Alaska

TO: Jim Parker
Comm. Fish
Sitka

DATE : March 27, 1969

FROM: Bradley Brahy
Comm. Fish
Wrangell

SUBJECT:

The Forest Service in Wrangell is planning on spraying some logged areas in the Bradfield with 2-4-5-D, to retard the alder growth. The ranger here has informed me that a similar operation was carried out near Sitka, at Naquacina (spelling?). Norm seems to think that there is no problem; however, I wanted to write to you and ask you if there were any fish or game problems when the spraying was done in your area. I know nothing about this spray or how it affects wildlife, so if you can tell me something about how it went in your area I'll have something to go on.

One other thing, the B.C. Research Council said that they did treat some log rafts in the Sitka area with an arsenic solution to prevent borer damage. Could you find out how effective this was, if it was financially practical, and if there was any damage to other marine life in the area? The mills in Wrangell are interested in this method of control and have been asking me about it in an un-official sort of way. I would like to know about your experiences with it. Frankly, I don't like the idea of dumping poison into the water, and I hope this method doesn't get started. Perhaps since it isn't in wide use already, it isn't a feasible method, but anyway, I'm trying to learn about it.

Might be seeing you one of these days when the herring get going. Our Protection Officer left for Craig this afternoon on reports that the spawning was beginning.

Best regards from Wrangell,

Bradley Brahy

MEMORANDUM

State of Alaska

TO: [Mike McHugh
Commercial Fish
Juneau

DATE : April 4, 1969

FROM: Bradley Brahy
Commercial Fish
Wrangell

SUBJECT: Forest Service spray plan.

The Forest Service plans to spray some 2-4-5-D on 65 acres of cut-over land in the Bradfield Canal area near Wrangell, and have asked for official comment from the ADF&G. I know nothing about this chemical except that the Forest Service hopes to retard the alder growth with it. Mr. Jim Parker suggested that I ask you about your experience with it at Nakwasina River. Perhaps you could give me some information about the spray, or tell me what to watch out for. The foresters plan to spray selectively by hand, not using helicopters. Any enlightenment on the subject will be much appreciated.

Sincerely,

Bradley Brahy

REPLY MEMO

State of Alaska

MESSAGE

REPLY

TO Mr. Norman Johnston

DATE

FROM

DATE

Dear Norman;

Here is the info on the Bradfield spraying operation. I've sent a copy of it to Roy Rickey also. Mike McHugh sent me this pile of information on the spraying that was done at Nakwasina, near Sitka, but the remarks were not too conclusive; however, it does mention a few things to look out for. I don't know, but this may be a pattern of standard practice in the future, so if there is anything wrong with it, we should learn now. Somewhere in this literature is a statement to the effect that concentrations of 1 ppm could be harmful to fish (it was stated in a perhaps deceiving manner: 1000 parts per billion). One of the main things may be to request them to stay a good distance (200 yds or so) from the streams.

Please send this material back to me after you are through with it.

SIGNED

Bradley Braby

SIGNED

1. KEEP YELLOW COPY.

2. SEND WHITE AND PINK COPIES WITH CARBON INTACT.

1. WRITE REPLY.

2. DETACH STUB, KEEP PINK COPY. RETURN WHITE COPY TO SENDER.

Brakey

P. O. Box 200, Wrangell, Alaska 99929

May 5, 1969

Mr. Norman B. Schoonover
District Ranger
United States Dept. of Agriculture
Forest Service Service
North Tongass National Forest
P. O. Box 51
Wrangell, Alaska 99929

Dear Mr. Schoonover,

On Friday, May 2, Keene Kohrt and I went to the Bradfield logging area for an inspection trip. All of the north fork and part of the east fork were observed from the air, and both forks were observed on the ground as far as the road systems permitted travel. A number of different items were checked, and my comments on them are as follows:

1. Areas of intended spraying: On these areas, cut in 1967, we noticed that the spruce seedlings were from 3"-12" high, while the alder was around 3' high. Eliminating the alder in these areas would be of benefit to the existing and future spruce seedlings. I told Keene Kohrt and Vic Baer that special care should be exercised when mixing and handling the concentrated herbicide so that none of it gets into the river water or the estuary. Also, I would like to be present, perhaps with some other ADF&G personnel, when you begin the actual spraying.
2. A number of exposed gravel bars were noted. As Vic explained, I think it would be better to take some gravel from each large bar than to dig too deeply into any one area; also, this is probably more practical from an economic standpoint. Resulting sand dunes should be pushed far enough away from the river banks so that the sand doesn't wash into the river.
3. Several single-span bridges having a gravel bank at one end leading to the river bank were observed. As Vic stated, when the bridges are taken out the gravel bar at the end of the bridge should be bull-dozed to conform with the natural curvature of the river bank.
4. Snags occurring in the sloughs, tributary streams, and in the main parts of the river should be removed if at all possible. As you know, many of the smaller sloughs and drainages constitute habitat for large numbers of salmon fry.

Mr. Norman B. Schoonover

P. 2

May 5, 1969

5. Particular care should be given to prevention of siltation, stream bank damage, and debris accumulation in the stream in which Vic observed spawning king salmon, and in any other tributary stream where salmon are observed spawning. Obviously, such streams are essential to continued salmon production.

6. The location for the proposed air strip was noted. I agree with the terms for restoration of the area after the sale is complete as mentioned in your letter to Dick Sykes. Cross ditching, outsloping, seeding, and fertilizing the area should considerably speed up the recovery of the area as a natural habitat.

Sincerely,

Bradley Brahy
Assistant Area
Management Biologist

cc: Keene Kohrt
Vic Baer
Norman Johnston

Box 51, Wrangell, Alaska 99929

2430

October 13, 1969

Alaska Lumber & Pulp Company, Inc.
Box 1050
Sitka, Alaska 99835

ATTENTION: Herb Eliason

Gentlemen:

Your plans for probable gravel removal areas on the North Fork of the Bradfield River #1 Timber Sale have been reviewed with Alaska Department of Fish and Game and are approved.

Gravel may only be taken from exposed gravel bars along river. During removal operation no equipment is allowed in running water. Any stockpiles of gravel not used should be leveled.

Sincerely,

N. B. SCHOONOVER

N. B. SCHOONOVER
District Ranger

CC: Forest Supervisor
Alaska Dept. of Fish and Game
Sykes Logging Company

