SILVER LAKE DAM
ACQUISITION

March 12, 1970

ROUTING

GENERAL TO	NOTED	DATE
ADR	AJR	3-12-70
JAC	[illegible]	
Rec	C	3/13

SUSPEND TO

FILE

Mrs. Elizabeth M. Salvo
Barnard,
Vermont 05031

Dear Mrs. Salvo:

After receiving the copy of the bill for work on the stone wall, I had it processed for payment. The Department of Administration, Division of Finance, has returned it to us for more complete information, as follows.

A more fully itemized invoice showing rates per hour. Also, a copy of the cancelled check or a receipt to you from Mr. Johnson.

Otherwise, the bill will be approved to the best of my knowledge.

I am happy to hear that you are recovering well from your major surgery of last winter, and hope to see you soon in Barnard.

Sincerely yours,

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

Check for $469.70 delivered to Mrs Salvo on 3-27-70 AJR

At present I am convalescing in Colchester Vt. as the guest of a friend. Should you be writing to me however please mail your letter to Barnard. as I will be returning there in 2-3 weeks.

Thanking you.

Sincerely yours
Elizabeth M. Salvo

RECEIVED
MAR 3 1970
Dept. of Water Resources

JEC -
AJR -

Barnard, Vt. 05031
March 1 - 1970

Dear Mr. Rouleau;

Enclosed is a copy of bill from Iver Johnson for building the ten feet of my stone wall in Barnard adjoining the dam.

I have not been able to send this to you en Jan as I said I would because I spent almost the entire month in a hospital in New York City and underwent major surgery.

November 3, 1969

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	AJR	11-3
JEE		
SUSPEND TO		
FILE		

Mr. Iver Johnson
Woodstock,
Vermont 05091

Dear Mr. Johnson:

I have had some conversation and correspondence with Mrs. Elizabeth Salvo regarding the stone wall which you re-built for her in Barnard. We are now trying to reimburse her for some of the costs involved.

In order to proceed with this, a copy of your bill would be helpful, since Mrs. Salvo left hers in Barnard before leaving for her New York address. It is our understanding that she has paid the bill of $469.70.

If there are any questions, please call this office.

Sincerely yours,

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

125 East 74 Street
New York, N.Y. 10036
Oct 30 1969

ROUTING		
GENERAL		
TO	NOTED	DATE
JCC		
ATR		11-3
SUSPEND TO		
FILE		

Andre J. Rouleau
Montpelier, Vt.

Dear Mr. Rouleau:

My check stub shows that the cost of restoring the ten feet of my stone wall next to Silver Lake Dam came to $169.70.

I would be very happy to be reimbursed for a portion of that cost. However as at the time of our conversation regarding this matter I understood you to say that you would be returning to Barnard the following week I had the bill from Mr. Putnam together with your last letter to me ready to present to you, but as you didn't come that week or during the two weeks following I had thought that you were disregarding the matter and on my leaving for New York

I left the bill in Barnard safely tucked away. As I am holding down a job now I have no way of getting the bill to you until my anticipated visit to Barnard in January 1970.

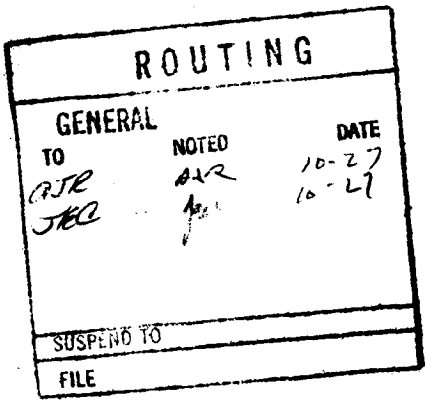
If there is anything I should do in the meantime in regard to this, kindly let me know.

Thanking you

Sincerely yours
Elizabeth M. Salvo

RECEIVED
NOV 3 1969
Dept. of Water Resources

October 27, 1969



Mrs. Elizabeth M. Salvo
Barnard,
Vermont 05031

Dear Mrs. Salvo:

Reference is made to our conversation recently regarding the cost of restoring the portion of your stone wall near the Silver Lake Dam.

It appears that although there was no prior approval for the work which you had performed for you, there is a possibility that a portion of the cost can be reimbursed to you. Would you please send me the bill which you said you have from Mr. Johnson, or a copy of it.

I have tried to call you, and called at your home the last time I was in Barnard, but no one was there. If you have any questions about this, please call or write this office.

Sincerely yours,

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	AJR	1/7/69
JEC	JEC	1/7/69
SUSPEND TO		
FILE		

January 7, 1969

Mrs. Elizabeth Salvo
Box 383
White River Junction, Vermont 05001

Dear Mrs. Salvo:

I received your letter of January 6th regarding the completion of the stone wall at Barnard. Our contractor is considerably behind schedule in completing the work on the dam at Silver Lake, but it is still our intent to have the work completed as soon as possible. This includes restoring the portion of the wall near the end of the dam.

It is our understanding that during the rebuilding of your wall, our contractor was of some assistance to Iver Johnson's helpers in removing the larger stones and also in giving lines and grades as requested.

When the work is substantially complete, I will be glad to inspect the portion of the wall adjacent to the dam with you to insure that it is restored to at least as good a condition as it was prior to the beginning of the work.

Sincerely yours,

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

cc: C. Bacon, DuBois & King

DEPARTMENT OF WATER RESOURCES
MONTPELIER VERMONT

OFFICE MEMORANDUM

ROUTING
GENERAL

TO	NOTED	DATE
AJR	9.2	9-26
JEC		10/1

SUSPENSE
FILE

TO: John E. Cerutti

FROM: Andre J. Rouleau

SUBJECT: Silver Lake Dam, BOR Project #44-00044 - Cost of Stone Wall Work on Mrs. Salvo's Property

DATE: September 26, 1969

The property owner adjacent to the dam had a stone retaining wall constructed on her property extending from the property line and along the edge of the lake to about ten feet from the end of the dam, at the same time that our project was under construction. The last ten feet was not completed because of the delay in completing the work on the dam. This past spring, the same contractor completed the wall to the end of the dam for Mrs. Salvo and the cost of this work (between $400 and $500) has been paid by her, as per a conversation with her on September 24, 1969.

It was our intent at the time, to employ Mr. Iver Johnson of Woodstock, (who did the work on the wall for Mrs. Salvo) to complete the work so the wall would have the same quality and appearance as the previously completed portion. Numerous telephone calls and visits to Mr. Johnson's home were futile, since he was either at work and unavailable, or hospitalized. The purpose was to obtain the necessary agreements for doing the work. The only contact made with Mr. Johnson was at his home while he was convalescing from an injury, and at that time, said his instructions from Mrs. Salvo were to complete the wall if the State of Vermont didn't finish it. He was not well enough at that time to prepare an estimate of cost, etc. The wall was subsequently finished in accordance with his instructions from Mrs. Salvo.

Attached is a copy of a letter from Mrs. Salvo and my reply to her regarding this matter. Since Mrs. Salvo has been reluctant to enter into any written agreement regarding use of land for the period of construction, etc., and the wall was going to be rebuilt anyway, we do not have to reimburse her for this cost, but she has asked about it.

It is my recommendation that if at all possible, Mrs. Salvo should be reimbursed for at least a part of the cost of the wall constructed last spring, since there was a delay on the part of our contractor. A copy of her bill is available.

CLAIMS AGAINST THE STATE OF VERMONT ARE PAYABLE ONLY ON INVOICES RENDERED ON THE STATE'S STANDARD FORMS. PLEASE SUBMIT INVOICES IN QUADRUPLICATE ON THE FORMS PROVIDED DIRECTLY TO THE FINANCE DIRECTOR, STATE ADMINISTRATION BUILDING, MONTPELIER, VERMONT AND RETAIN THE FIFTH COPY FOR YOUR FILES. THE PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES, DELIVERY MEMORANDA, BILLS OF LADING, PACKAGES, AND CORRESPONDENCE. NO INVOICE MAY COVER MORE THAN ONE ORDER. ARTICLES NOT IN CONFORMITY WITH SPECIFICATIONS MAY BE RETURNED AT SHIPPER'S EXPENSE. THIS ORDER IS NOT VALID UNLESS SIGNED BY THE FINANCE DIRECTOR. VERMONT STATE PURCHASES ARE NOT SUBJECT TO FEDERAL OR STATE SALES OR EXCISE TAXES AND MUST BE INVOICED TAX FREE.

PURCHASE ORDER

STATE OF VERMONT - DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION - MONTPELIER, VERMONT

VERMONT STRUCTURAL STEEL CORP.
207 FLYNN AVENUE BOX 610
BURLINGTON, VERMONT 05401

PURCHASE ORDER NO. 6309-69
DATE JUNE 27, 1969
REQUISITION NO. 5549
SHIP VIA
GOODS MUST BE DELIVERED BY 28 DAYS
F. O. B. DELIVERED
TERMS 1/2 OF 1% 10 DAYS NET 30

DELIVER TO VERMONT WATER RESOURCES DEPARTMENT
SEE BELOW

SHIP TO

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
2.	8	EA.	STEEL GRATING, 1 1/4, TYPE L21 BLOW-KNOX, OR EQUAL. SIZES AS FOLLOWS: 2 EACH 5' 6" X 2' 0" 4 EACH 5' 0" X 2' 0" 2 EACH 4' 6" X 2' 0" STRENGTH REQUIREMENTS: 350#/SQ. FT (APPROX.) WEIGHT REQUIREMENTS: 9.7#/SQ. FT. (APPROX.) TO BE PAINTED WITH STANDARD BLACK PROTECTION COATINGS. TO BE DELIVERED TO: OUTLET OF SILVER LAKE BARNARD, VERMONT 05031 NOTE: WATER RESOURCES DEPARTMENT SHALL BE NOTIFIED OF THE SPECIFIC DATE AND HOUR OF DAY OF DELIVERY TIME. PURCHASING AGENT: MR. CARRON (E.O.S.)	LOT	198.00

ITEM NO'S.	APPRO. NO'S.	OBJECT CODE NO'S.	AMOUNT
	2450.660		

THIS ORDER IS IN ACCORDANCE WITH OUR REQUEST FOR QUOTATION DATED 6/19/69
AND YOUR PROPOSAL RECEIVED 6/26/69

APPROVED AS TO AVAILABILITY OF FUNDS

FINANCE DIRECTOR

BY

ENCUMBRANCE ENTERED

DATE

I CERTIFY THAT THIS ORDER IS PLACED IN ACCORDANCE WITH 29 VSA 953.

PURCHASING DIRECTOR

BY

DA—PUR 54

AGENCY COPY

LES GRAFFAM-FORM SYSTEMS-BURLINGTON

RECEIVED
JUL 1 1969
Dept. of Water Resources

May 5, 1969

ROUTING

GENERAL TO	NOTED	DATE
AJR	AJR	5/5/69
PWM	PWM	5/5/69

SUSPEND TO

FILE BOR Cons. Corres.

Mr. Iver Johnson
Woodstock,
Vermont 05091

Re: Silver Lake Dam

Dear Mr. Johnson:

Mr. William Kelly, our contractor doing the work at the dam in Barnard, told me on Friday, May 2nd, that you were inquiring about lowering the lake level at Silver Lake. The level now is approximately one and one-half feet below the summer pool level.

As the work is almost complete, and the public and most of the property owners want the lake to be full by Memorial Day, the openings have all been closed to allow the lake to fill. There will be some time before the level rises, if you wish to take advantage of the lower water level.

If necessary, the level can be lowered again in the fall of 1969. We will be lowering the level one and one-half feet after the recreation season.

We are trying to satisfy all the people concerned in the area. If there are any questions about this, please do not hesitate to call this office.

Sincerely yours,

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

Barnard Vermont

May 23 1969

TO	NOTED	DATE
[illegible]	[illegible]	5/26
AJR	AJR	5/26
SU		
FILE		

State of Vermont
Water Resources Dept.
Montpelier VT.

Dear Mr. Rouleau

Mr Kelly was here today and this is to certify that he has paid all bills in full which were contracted during the construction of the dam at Silver Lake.

Yours truly,
Joan H Lessard
Barnard VT.

RECEIVED
MAY 26 1969
Dept. of Water Resources

ROUTING		
GENERAL		
TO	NOTED	DATE
A.T.P.	[illegible]	5/20
PWM	PWM	5/21
JEC	JEC	5/21
SUSPEND TO		
FILE		

May 21, 1969

Mr. Roger Webster, Selectman
Town of Barnard
Route [illegible]
Bethel, Vermont 05032

Re: Silver Lake Dam

Dear Mr. Webster:

Regarding our conversation of May 20th, I would like to review and summarize the events concerning the Town of Barnard in connection with the reconstruction of the dam and related work.

In order to have the work done, it was necessary to have the dam owned by the State of Vermont. Title was given the State by the Town of Barnard in July of 1968, by Quitclaim Deed, which is recorded in the Barnard Land Records. There has been a long history of communications regarding the reconstruction of the dam, particularly after 1949 when the Selectmen accepted the responsibility for the dam.

As a part of the procedure in obtaining a permit to reconstruct the dam, a public hearing was held at the Town Hall in Barnard on April 4, 1968, in the afternoon. Copies of the Findings of Fact and Order of the Water Resources Board are also on file at the Town Clerk's Office. At this public hearing, a request was made to have piping facilities provided through the dam to allow the future use of this line for fire protection. A copy of the petition is attached. It was agreed that the best time to do this was at the same time as the reconstruction of the dam, but that the cost of buying and installing the pipe, etc. was not allowable as a project cost.

There have been several meetings or conferences with the Selectmen of Barnard. At a meeting on June 7, 1968, I reviewed the entire project with the Selectmen. Of special importance were the following items, together with subsequent action to date:

1. The deed conveying ownership of the dam from the Town to the State must be signed before construction contracts are advertised and awarded. This was done.

2. Piping facilities for public fire protection in Barnard Village are not an allowable cost of this project due to the restrictions in the source of funds. The Selectmen indicated that they would buy the necessary pipes, etc., if someone could help them decide what they needed. I gave them some information, and the Selectmen also checked with the Fire Department to insure that they would order the right type hydrant, etc. The Selectmen did buy the pipe, etc. One length of pipe was installed through the dam and the intake screen fastened to it by the prime contractor, Lowell Engineering Company. This portion of the work was incidental to other items and there should be no charge to the Town for it. It has been paid for by the State.

3. The type of guardrail or fencing was also discussed, and it was decided that a steel-beam guardrail would look nice and would also afford the necessary protection. This is to be a project cost paid by the State.

4. Paving of the town road was also discussed. At the time, it was thought that there would be some other paving work down in the town, and this piece of work would have been scheduled at the same time, and paid for by the town as an incidental to the other work. However, the scheduling of the work did not work out as planned. We would like to have this done as soon as possible, but it cannot be completed until after the water pipe is all installed under the road. The cost of doing this work is an allowable project cost and if done by the Department of Highways, they will bill us for the work.

5. The Selectmen agreed to making a periodic check of the dam and culverts and to remove debris, boards, etc. that may accumulate there after the project is complete. Any major maintenance or repairs is to be done by the State.

It is my understanding that the Town of Barnard was having the Lowell Engineering Company install the remaining water line, hydrant, etc. We would appreciate being able to have the road paved before the recreation season if at all possible, and therefore, would like to have the pipes installed soon. Perhaps, as you suggested, the Selectmen can have this done by some other contractor if Lowell Engineering Company cannot do it soon, if this can be arranged. In any event, your early consideration of this by the new Board of Selectmen will be greatly appreciated.

If there is any question about this or if I can be of any further assistance, please do not hesitate to call. I expect to be at Silver Lake Friday morning at 10:00 A.M. for the final inspection. Mr. George Kelly of Lowell Engineering Company is also expected to be present. I hope that this summary will be of assistance in briefing the new Board of Selectmen as to the status of the project and activities.

Sincerely,

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

Attach.

DEPARTMENT OF WATER RESOURCES
MONTPELIER, VERMONT

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	ASR	5/22
PWM	PW M	
JEC	JEC	5/26
RWT		
SUSPEND TO		
FILE		

OFFICE MEMORANDUM

TO: For the Record

FROM: Andre J. Rouleau

SUBJECT: Silver Lake - B.O.R. Project #44-00044 - Construction Contract Final Inspection, May 22, 1969

DATE: May 26, 1969

Present were:

State of Vermont	-	John E. Cerutti
		Paul W. Merkens
		Andre J. Rouleau
Lowell Engineering Co.	-	William Kelly
DuBois & King	-	Richard E. DuBois
		Charles J. Bacon
Town of Barnard	-	Roger Webster
		2 new Selectmen

The project was accepted subject to the completion of the following items. Completion date was May 10, 1969.

1) Power meter on pole was not removed yet.
2) Stones in lake bed to be removed if they are old concrete.
3) Some boards, etc. in intake structure.

There is only the road surfacing remaining to be done, which is not a part of this contract, but is a B.O.R. project cost. The Town water line and fire hydrant, etc. have to be installed before the surfacing work can be done.

There was some discussion of the possibility of adding grating over the intake of the four 36-inch culverts if this area is going to be attractive to children. This situation will be observed for possible further action. The size required, if four sections are used is as follows:

1 - 5'6" x 4'0")
2 - 5'0" x 4'0") 1½" grating with bearing bars on 4-inch centers. (Equal to type L21 as manufactured by Blow-Knox Company, Pittsburg, Pa.)
1 - 4'6" x 4'0")

DEPARTMENT OF WATER RESOURCES
MONTPELIER, VERMONT

FILE COPY

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	AJR	5/19
JEC	JEC	5/19
PWM	PWM	5/19
RWT	RWT	5-19
SUSPEND TO		
FILE	✓	

OFFICE MEMORANDUM

TO: Forrest E. Orr, Executive Director, Interagency Committee

FROM: Andre J. Rouleau, Water Resources Project Engineer

SUBJECT: Final Inspection of B.O.R. Projects

DATE: May 19, 1969

Final inspections for the following two projects have been scheduled for Friday, May 23rd, 1969.

1) Silver Lake, B.O.R. Project No. 44-00044, 10:00 A.M., at Barnard.

2) Wolcott Pond, B.O.R. Project No. 44-00038, 2:30 P.M., at Wolcott.

You may wish to invite a representative from B.O.R. for these inspections. If anyone is expected, please let me know by Thursday night.

May 14 1969

Water Resources Dept
Montpelier Vt.

Dear Sirs:

Please find enclosed a bill for Lowell Engineering Co. which was made during construction of the dam at Silver Lake.

Yours Truly
Jan H Lessard
Barnard General Store
Barnard Vt

ROUTING		
GENERAL		
TO	NOTED	DATE
FEC	FEC	5/15
HJR	HJR	5/15
SUSPEND TO		
FILE		

RECEIVED
MAY 15 1969
Dept. of Water Resources

Lowell Engineering Co.
Lowell Mass.

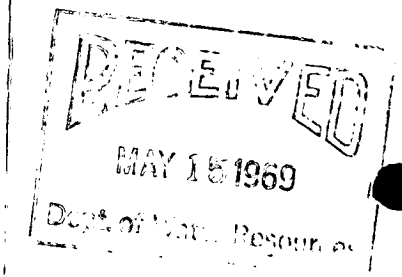
May 14 1969

To Barnard General Store
Barnard
Vermont 05031

NO. 1251 EFFICIENCY LINE

TERMS:

5/14/69	Balance due from project at Silver Lake Dam			100.33


RECEIVED
MAY 15 1969

5/15/07

Payment to Contractor can be held up until this bill is paid by them.

AJR.

Note: I think Lowell Eng. Co. has done some work for the Levands which probably more than offsets this amount.

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	AJR	2/6
SUSPEND TO		
FILE		

February 6, 1969

Mr. Iver Johnson
Woodstock,
Vermont 05091

Dear Mr. Johnson:

It is our understanding that you rebuilt the stone wall for Mrs. Salvo in Barnard, on Silver Lake.

I would like to know what the arrangements are for finishing the wall to the concrete dam, and if you had any agreements with the contractor doing the work on the dam regarding the wall.

I have tried to call your home on several occasions, but with no success. Please let me know how to contact you during the day.

Sincerely,

Andre J. Boulanger
Water Resources Project Engineer

AJB/bp

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	AJR	1/7/69
JEC	JEC	1/7/69
SUSPEND TO		
FILE		

January 7, 1969

Mrs. Elizabeth Salvo
Box 383
White River Junction, Vermont 05001

Dear Mrs. Salvo:

I received your letter of January 6th regarding the completion of the stone wall at Barnard. Our contractor is considerably behind schedule in completing the work on the dam at Silver Lake, but it is still our intent to have the work completed as soon as possible. This includes restoring the portion of the wall near the end of the dam.

It is our understanding that during the rebuilding of your wall, our contractor was of some assistance to Iver Johnson's helpers in removing the larger stones and also in giving lines and grades as requested.

When the work is substantially complete, I will be glad to inspect the portion of the wall adjacent to the dam with you to insure that it is restored to at least as good a condition as it was prior to the beginning of the work.

Sincerely yours,

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

cc: C. Bacon, DuBois & King

Elizabeth M. Salvo
Box 383
White River Jct VT.
Jan 6, 1969

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	A-R	1/7/69

Andre J. Rouleau
Montpelier VT.

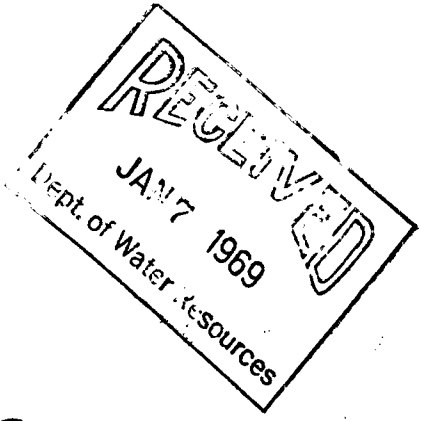
Dear Mr. Rouleau,

I would like to ask you wether you will employ your own workmen to build back the part of my stone wall that you dismantled or would you consider hiring Mr. Doer Johnson to re build it. As you recall, he built the stone wall for me at Silver Lake in Barnard last fall.

I would appreciate it you could let me know or let him know in order that he might plan his spring work accordingly.

Thanking you

Very truly yours
Elizabeth M. Salvo


RECEIVED
JAN 7 1969
Dept. of Water Resources

White River Valley Herald

September 5, 1968

Start Rebuilding Silver Lake Dam In Barnard

Work started this week under a $31,750 contract to reconstruct the dam at Silver Lake in Barnard which has long been considered a hazard.

The project is financed half by a state bond issue and half by federal funds. State direction has been under the Department of Water Resources and the federal agency involved is the Land and Water Conservation Fund of the Bureau of Outdoor Recreation (BOR). It has the approval of the state Interagency Committee on Natural Resources.

William Kelly of the Lowell Engineering Co. in Lowell, Mass. was awarded the contract and work started this week lowering the lake in preparation for dam construction. It is expected the lake will be lowered about 15 feet while work is in progress but will be returned to its present level when the dam has been rebuilt. Completion of the work is scheduled for December 1 with landscaping to be done in the spring.

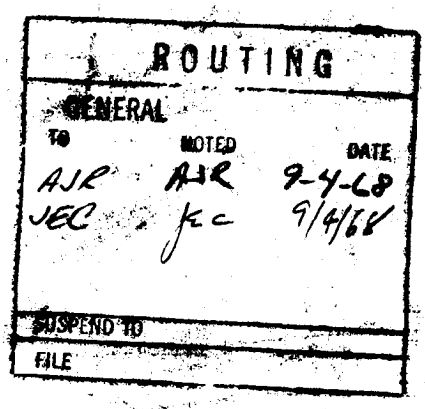
A public hearing on the project was held in Barnard April 4. Plans and specifications were drawn up by Dubois and King, consulting engineers of Randolph who will be the engineering inspectors on the project.

There has been fear for a number of years that the dam might collapse during high water in the spring or a severe storm. In addition it was difficult to maintain the summer water level due to the activities, according to one authority, of either kids or beavers or both. Use of cement in rebuilding the dam will eliminate the problem.

Just ten years ago last April fast melting snow and a steady rain raised the water level on the lake eight inches and fire departments from Barnard and Pomfret were called to help pump water out of the lake to prevent severe flooding. A report at that time said firemen pumped 2600 gallons of water a minute from the lake to a channel below and town officials were on guard all night. Finally an old spillway was opened up which helped prevent disaster.

The lake covers about 100 acres.

September 4, 1968



Mr. Clyde Campbell, Selectman
Town of Barnard
Bethel, Vermont 05032

Dear Mr. Campbell:

Reference is made to a request for piping facilities to be provided to get water from Silver Lake for future public fire protection of homes in Barnard Village, presented at the hearing on April 4, 1968. It was agreed that the best time for this to be done would be during the installation of the culverts across the road. We have made provisions in the contract for this to be done, but it has been made clear that there is no financial assistance available for this.

One possibility is to provide a sleeve through the concrete portion for the future installation of the necessary pipes. Another possibility is to install a six-inch pipe under the road, with a fire hydrant across the road from the dam. This would require a valve, intake screen, and other miscellaneous items. The estimated cost of these materials is $550.00. The materials are available at Carpenter Supply Company of Colchester, Vermont, Tel. 878-3371. We would like to know what you propose to do as soon as possible since the contractor is anticipating installing the culverts by mid-September.

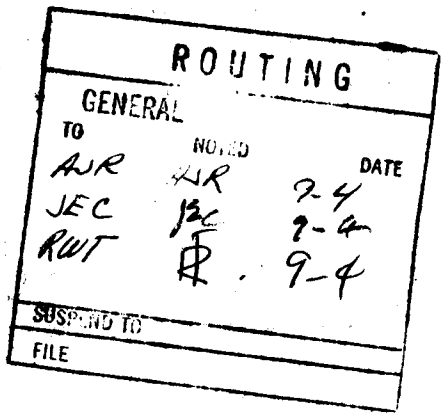
If you have any questions about this, or if we can be of any further assistance in arranging for the work to be done, please contact this office.

Sincerely yours,

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

cc: Mr. Joseph Oakland, Chief
Barnard Fire Department



September 3, 1968

Mr. Carl S. Lewis, Chairman
Board of Selectmen — Mr. Lewis is deceased
Town of Barnard
Woodstock, Vermont 05091

Re: Silver Lake
B.O.R. Project # 44-00044

Dear Sir:

We have entered into a contract for the reconstruction of the dam at Silver Lake with William Kelly, DBA Lowell Engineering Company of 185 Princeton Boulevard, Lowell, Massachusetts.

It is expected that the water in the lake will be lowered in the near future, as provided for in the order of the Water Resources Board (as soon as practicable after Labor Day).

If you have any questions or problems regarding this project, please do not hesitate to contact our office.

Sincerely,

AJR/bp

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

CERTIFIED -
RETURN RECEIPT REQUESTED

August 27, 1968

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	AJR	8-27
SEC	jec	8/27
SUSPEND TO		
FILE		

Mr. O. W. Miller
Miller Construction, Inc.
Windsor, Vermont 05089

Re: Silver Lake Project
No. 44-00044

Dear Mr. Miller:

The contract agreement for the above-noted project has been executed by both ourselves and the low bidder, Lowell Engineering Company. We are returning check No. 43331 made out to Treasurer, State of Vermont, in the amount of $2,000.00, which was deposited as bid security.

Sincerely yours,

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

Enc.

THE TIMES NEWS

THURSDAY AUGUST 22, 1968

State Land [illegible]

VERMONT PRESS BUREAU.

The Interagency Committee on Natural Resources Wednesday agreed to conduct a review of all state land holdings after it was requested to by Gov. Philip H. Hoff.

The review, according to executive director Forrest Orr, will be to determine just how much land all of the state agencies own.

For instance, Orr reported that the Mental Health Department, which runs the State Hospital in Waterbury, also owns many acres of forest land.

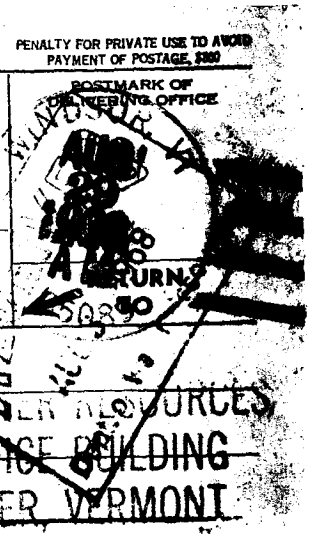
Orr said the review will be used to determine how much land might be used for recreation purposes.

In other action, the Interagency Committee, approved a $9,000 request for the Water Resources Department to be used in work on fixing up Silver Lake in Barnard.

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

POSTMARK OF DELIVERING OFFICE



INSTRUCTIONS: Show name and address below and complete instructions on other side, where applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article *RETURN RECEIPT REQUESTED.*

NAME OF SENDER

STREET AND NO. OR P.O. BOX DEPT. OF WATER RESOURCES

CITY, STATE, AND ZIP CODE STATE OFFICE BUILDING MONTPELIER VERMONT

POD Form 3811 Jan. 1965

055—16—71548-7

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Show to whom and when delivered ☐ Show to whom, when, and address where delivered ☐ Deliver ONLY to addressee

(Additional charges required for these services)

RECEIPT

Received the numbered article described below.

REGISTERED NO.

CERTIFIED NO.

INSURED NO.

DATE DELIVERED
AUG 29 1968

SIGNATURE OR NAME OF ADDRESSEE *(Must always be filled in)*
O W Mellen

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY
Allen A Gray

SHOW WHERE DELIVERED *(only if requested)*

055—16—71548-7 GPO



ENGINEER'S ESTIMATE

FOR

RECONSTRUCTION AND REPAIRS TO SILVER LAKE DAM

AND APPURTENANT WORK

IN

BARNARD, VERMONT

take in full payment for each item of work thereof the unit or lump sum price applicable to that item as stated in the schedule below.

(Note: Bidders must bid on each item. All entries in the entire PROPOSAL must be made clearly and in ink; prices bid must be written in both words and figures.

(Bidders should insert extended item prices obtained from quantities and unit prices. In the event that there is a discrepancy between the lump sum or unit prices written in words or figures, the prices written in words shall govern.)

Item No.	Estimated Quantity	Brief description; unit or lump sum price bid in both words and figures	Total in figures ø
1	lump sum	Remove existing control structure steel pipes and iron railings, the lump sum of _____ dollars and _____ cents ($ 1,000.00)	$ 1,000.
2	500* cu. yds.	Excavation to expose existing concrete work, per cubic yard _____ dollars and _____ cents ($ 5.00)	$ 2,500.
3	60 cu. yds.	Class A concrete including steel reinforcement, center section of dam, per cubic yard _____ dollars and _____ cents ($ 125.00)	$ 7,500.
4	30 cu. yds.	Class A concrete, 6-inch facing including steel reinforcement, per cubic yard _____ dollars and _____ cents ($ 100.00)	$ 3,000.
5	5* cu. yds.	Rock excavation, per cubic yard _____ dollars and _____ cents ($ 20.00)	$ 100.

* Indeterminate; quantity assumed for comparison of bids.
ø For informal comparison only and not to be considerad as part of this Proposal.

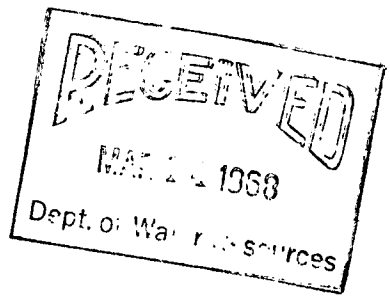
Item No.	Estimated Quantity	Brief description; unit or lump sum price bid in both words and figures	Total in figures ø
6	lump sum	36-inch diameter corrugated galvanized metal pipes, the lump sum of _____ dollars and _____ cents ($_____)	$ 3,600.
7	lump sum	Lowering lake and handling all flows during construction, the lump sum of _____ dollars and _____ cents ($_____)	$ 4,000.
8	lump sum	Miscellaneous metal work, the lump sum of _____ dollars and _____ cents ($_____)	$ 500.
9	lump sum	Stop planks, the lump sum of _____ dollars and _____ cents ($_____)	$ 300.
10	lump sum	Wooden guardrails,the lump sum of _____ dollars and _____ cents ($_____)	$ 1,000.
11	* sq. yds.	Pavement sub-base and placing pavement, per square yard _____ dollars and _____ cents ($ 3.00)	$ 1,500.
12	100* sq. yds.	Rip rap, per square yard _____ dollars and _____ cents ($ 10.00)	$ 1,000.
13	100* sq. yds.	Loaming and Seeding, per square yard _____ dollars and _____ cents ($ 1.00)	$ 100.

* Indeterminate; quantity assumed for comparison of bids.
ø For informal comparison only, and not to be considered as part of this Proposal.

Item No.	Estimated Quantity	Brief description; unit or lump sum price bid in both words and figures	Total in figures ø
14	20* cu. yds.	Miscellaneous earth excavation, per cubic yard _____ dollars and _____ cents ($ 5.00)	$ 100.
15	10* cu. yds.	Bank run gravel, per cubic yard _____ dollars and _____ cents ($ 5.00)	$ 50.
16	10* cu. yds.	Screened gravel, per cubic yard _____ dollars and _____ cents ($ 6.00)	$ 60.
17	20* cu. yds.	Select gravel, per cubic yard _____ dollars and _____ cents ($ 6.00)	$ 120.
18	lump sum	Cleaning up and all miscellaneous work not paid under Items No. 1-17 inclusive, the lump sum of _____ dollars and _____ cents ($ _____)	$ 1,000.

* Indeterminate; quantity assumed for comparison of bids.
ø For informal comparison only, and not to be considered as part of this Proposal.

TOTAL	$27,430.
SAY	$28,000.


RECEIVED
MAR 2 5 1968
Dept. of Water Resources

Feb 22, 1968 ?

DuBois & King, Consulting Engineers, Randolph, Vermont

TABLE

ESTIMATED CONSTRUCTION COSTS

SILVER LAKE DAM

Item Description	Quantity	Unit	Unit Price	Costs
Handling Flows		Lump Sum		$ 2,000
Concrete	110	c.y.	100.	11,000
36" C.G.M.P.	240	l.f.	15.00	3,600
Unclassified Excavation	600	c.y.	5.00	3,000
Backfill (Excess)	200	c.y.	3.00	600
Rip Rap	100	c.y.	20.00	2,000
Pavement Replacement	200	s.y.	3.00	600
Cable Guard Rail and Appurtenant Work		Lump Sum		800
Stop Log Planks		Lump Sum		300
Miscellaneous Metal Work		Lump Sum		500
Clean-Up		Lump Sum		1,000
			Subtotal	$25,400
	Plus 25% Contingencies.....			6,350
			TOTAL	$31,750
			USE	$32,000

ENR INDEX = 1111

FORM T-9

RECEIVED
JAN 19 1968
Dept. of Water Resources

Area Code (802) 728-3376 & 3377

DuBOIS & KING
Engineers & Planners
RANDOLPH, VERMONT 05060

LETTER OF TRANSMITTAL

DATE	JOB NO.
July 26, 1968	6740J
ATTENTION	
RE: Silver Lake Dam Barnard, Vermont	

TO

Vermont Department of Water Resources

State Office Building

Montpelier, Vermont

GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
1	7-25-68		Estimate of Construction Costs

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval

☒ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution

☐ As requested ☐ Returned for corrections ☐ Return _____ corrected prints

☐ For review and comment ☐ _____

☐ FOR BIDS DUE _____ 19_____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____

SIGNED: C. J. Bacon

Form 240-T — New England Business Service, Inc., Townsend, Mass.

If enclosures are not as noted, kindly notify us at once.

ITEM NO.	ITEM DESCRIPTION	ACTUAL COSTS	INSTALLATION COSTS	COST PER UNIT	UNIT	NO. OF UNITS	TOTALS
1	Removal By Hydraulic Clamshell Structural Steel Piles, Etc.			6000.00	L.S.	L.S.	6000.00
2	Excavation to Expose Structure			[illegible]	C.Y.	500	1500.00
3	Class A Concrete Pier Cap Section			120.00	C.Y.	60	7200.00
4	Class A Concrete Pre-Cast Facing			150.00	C.Y.	30	4500.00
5	Rock Excavation			25.00	C.Y.	5	125.00
6	24-Inch Steel Piles			4800.00	L.S.	L.S.	4800.00
7	Grooving Piles and Grouting Holes			5000.00	L.S.	L.S.	5000.00
8	Misc. Metal Work			1000.00	L.S.	L.S.	1000.00
9	Piling Splices			300.00	L.S.	L.S.	300.00
10	Steel Bearing Plates			1000.00	L.S.	L.S.	1000.00
11	Rip-Rap			20.00	S.Y.	100	2000.00
12	Reinforcing Bars			1.50	S.Y.	100	150.00
13	Piles, Metal Encased			3.00	C.Y.	20	60.00
14	Steel Core (Encased)			5.00	C.Y.	10	50.00
15	Reinforced Concrete			5.00	C.Y.	10	50.00
16	Structure Excavation			5.00	C.Y.	20	100.00
17	Piles, Etc. Steel			1000.00	L.S.	L.S.	1000.00
	Total						33835.00
	USF						834000.00

RECEIVED
Sep 2 1968
Securities Research

PENN Box 1164

FORM T-5

DUBOIS & KING, Consulting Engineers, Randolph, Vermont

ESTIMATE OF CONSTRUCTION COSTS

JOB. NO. 6740

JOB DESCRIPTION Silver Lake Dam
Barnard, Vermont

DATE July 25, 1968
BY Charles Bacon
CHECKED BY
SHEET 1 OF 1

ITEM NO.	ITEM DESC.	MAT. COSTS	INST. COSTS	COSTS PER UNIT	UNIT	NO. UNITS	TOTALS
1	Removal Existing Control Structure Steel Pipes, Etc.			5000.00	L.S.	L.S.	5000.00
2	Excavation to Expose Structure			3.00	C.Y.	500	1500.00
3	Class A Concrete Center Section			120.00	C.Y.	60	7200.00
4	Class A Concrete 6-inch facing			150.00	C.Y.	30	4500.00
5	Rock Excavation			25.00	C.Y.	5	125.00
6	36-Inch Metal Pipes			4800.00	L.S.	L.S.	4800.00
7	Lowering Lake and Handling Flows			5000.00	L.S.	L.S.	5000.00
8	Misc. Metal Work			1000.00	L.S.	L.S.	1000.00
9	Stop Planks			300.00	L.S.	L.S.	300.00
10	Steel Beam Guard Rails			1000.00	L.S.	L.S.	1000.00
11	Rip Rap			20.00	S.Y.	100	2000.00
12	Loaming & Seeding			1.50	S.Y.	100	150.00
13	Misc. Earth Excava.			3.00	C.Y.	20	60.00
14	Bank Run Gravel			5.00	C.Y.	10	50.00
15	Screened Gravel			5.00	C.Y.	10	50.00
16	Select Gravel			5.00	C.Y.	20	100.00
17	Clean Up, Etc.			1000.00	L.S.	L.S.	1000.00
	Total						$33835.00
	USE						$34000.00
	ENR Index 1164						

FORM T-3

RECEIVED
JUL 23 1968
Dept. of Water Resources

DEPARTMENT OF WATER RESOURCES
MONTPELIER, VERMONT

OFFICE MEMORANDUM

TO: Commissioner Thieme

FROM: Andre J. Rouleau

SUBJECT: Silver Lake BOR Project 44-000 44
Bid Opening

DATE: August 2, 1968

The bids for Reconstruction and Repair to Silver Lake Dam in Barnard were opened at 2:00 P.M.,E.D.S.T., August 1, 1968. There were three bidders. The result is as follows:

#1	Lowell Engineering Company	$ 31,750.00
#2	Pinello Engineering Bridge Con. Co., Inc.	31,993.00
#3	Miller Construction	32,150.00

The Engineer's estimate at the time of bid opening was $33,835.00. There is a $400.00 difference between the low and high bidder, which is 1.25%. Each proposal is being examined and considered as was stated in the Information for Bidders. The purpose of the examination of the proposal is because some of the quantities were assumed for the purpose of comparing bids.

Lowell Engineering Company has not contracted any work in the State of Vermont for 10 years, and therefore, will have to register and qualify for work here prior to being awarded the contract if they are to do the work. The other two contractors are already qualified.

We reserve the right to reject any or all bids or to accept any bid should it be deemed in the public interest to do so.

Attached is a tabulation of the items and prices.

RECONSTRUCTION AND REPAIRS TO SILVER LAKE DAM BARNARD WINDSOR COUNTY, VERMONT

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	MILLER CONSTR. CO.		PINELLO ENGR BRIDGE CONSTR.		LOWELL ENGR	
			UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	REMOVE EXISTING CONTROL STRUCTURE STEEL PIPES AND IRON RAILINGS	LUMP SUM		1500 00		7950 00		3 [illegible] 00
2	EXCAVATION TO EXPOSE EXISTING CONCRETE WORK	500 CU YDS	4 00	2000 00	5 00	2500 00	6 00	3000 00
3	CLASS A CONCRETE INCLUDING STEEL REINFORCEMENT CENTER SECTION OF DAM	60 CU. YDS.	140 00	8400 00	125 00	7500 00	110 00	6600 00
4	CLASS A CONCRETE, 6-INCH FACING INCLUDING STEEL REINFORCEMENT	30 CU. YDS.	180 00	5400 00	80 00	2400 00	110 00	3300 00
5	ROCK EXCAVATION	5 CU YDS	40 00	200 00	50 00	250 00	20 00	100 00
6	36-INCH DIAMETER CORRUGATED GALVANIZED METAL PIPES	LUMP SUM		5000 00		5543 00		6500 00
7	LOWERING LAKE AND HANDLING ALL FLOWS DURING CONSTRUCTION	LUMP SUM		2500 00		1000 00		2000 00
8	MISCELLANEOUS METAL WORK	LUMP SUM		2500 00		1600 00		3,500 00
9	STOP PLANKS	LUMP SUM		250 00		420 00		650 00
10	STEEL BEAM GUARD RAILS	LUMP SUM		650 00		1050 00		1,000 00
11	RIP RAP	100 SQ YDS	25 00	2500 00	10 00	1000 00	15 00	1,500 00
12	LOAMING AND SEEDING	100 SQ. YDS.	2 00	200 00	4 00	400 00	1 00	1 [illegible] 00
13	MISCELLANEOUS EARTH EXCAVATION	20 CU. YDS.	5 00	100 00	4 00	80 00	5 00	[illegible] 00
14	BANK RUN GRAVEL	10 CU YDS.	3 00	30 00	5 00	50 00	5 00	50 00
15	SCREENED GRAVEL	10 CU. YDS.	7 00	70 00	5 00	50 00	5 00	50 00
16	SELECT GRAVEL	20 CU YDS.	5 00	100 00	5 00	100 00	5 00	100 00
17	CLEANING UP AND ALL MISCELLANEOUS WORK NOT PAID UNDER ITEMS NO 1-16 INCLUSIVE	LUMP SUM		750 00		100 00		200 00
				32,150 00		31,993 00		31,750 00

SILVER LAKE DAM

Bid Opening August 1, 1968

2:00 P.M. E.D.S.T.

Bidder	Bid Letter	Bid Security	Total Amount
Pinello Engineering Bridge Cons. Co.,Inc.	✓	✓	31,993.00
Murray & Blake Construction, Inc.			
Tucker Construction Corporation			
C. Thygesen Construction Company			
Miller Construction, Inc.	✓	2000.00	32,150.00
Lowell Engineering Company	✓	✓	31,750.00
Piedmont Construction Corporation			

State of Vermont
Department of Water Resources

NOTICE OF HEARING

SILVER LAKE

in the

Town of Barnard

* *

You are hereby notified that the Vermont Water Resources Board will hold a Public Hearing in the Town Hall, in the Village of Barnard, Vermont at 2:00 P. M., Eastern Standard Time, April 4, 1968,

> to make and promulgate rules and regulations governing surface water level of the water of Silver Lake pursuant with the authority granted to such Board by 10 V.S.A., Section 575,

and you are further notified that the Vermont Water Resources Board will hold a Public Hearing at the same location immediately following said hearing announced above

> to consider the application of the Vermont Department of Water Resources to construct an earth fill and concrete dam at the outlet of Silver Lake in the Town of Barnard.

Any person wishing to be heard regarding this application is hereby requested to be present and express his views.

Please bring this notice to the attention of all persons known by you to be interested in this matter.

Dated at Montpelier, Vermont, this 19th day of March, 1968.

By Order of the Vermont Water Resources Board

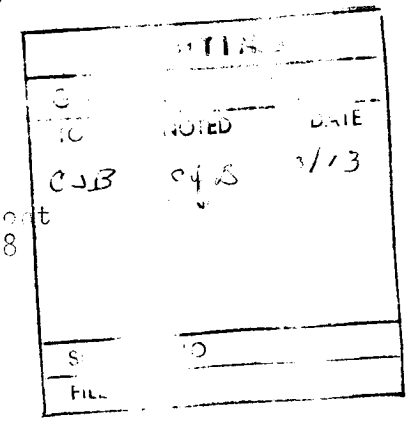
By: Reinhold W. Thieme
Commissioner of Water Resources

* *

PUBLIC HEARING:

PLACE: Town Hall in the Village of Barnard, Vermont

TIME: April 4, 1968, 2:00 P. M.,
Eastern Standard Time



Barnard, Vermont
March 11, 1968

Department of Water Resources
Montpelier, Vermont

Attn;: Charles Bacon

The following are names and addresses of all those that I can think of that own land and/or cottages around the Silver Lake in Barnard, Vermont.

Harry and Naomi Hull	Barnard, Vt. — 05001
Barnard Gen'l Store	" "
Mrs. Elizabeth Salvo	White River Jct, Vt. Box 1 — 05001
Gula V. Hirschland	Harrison, New York — 10528
Mr. and Mrs. Forrest Aikens and Natalie Patrick	Bethel, Vt. 05032
Robert and Hazel Billings	1135 Carr Road Wilmington, Delaware — 19809
Donald and Theda Hartlen	Barnard, Vt. — 05031
Charlotte Garnoff	7505 Hamden Lane Bethesda, Maryland — 20014
A. Moyer Kulp	1411 Sandy Hill Road Norristown, Pa. — 19401
Mira Buckman	2642 E. Moreland Blvd. Apt. 6 Cleveland, Ohio 44120
Jacob and Sylvia Prodkin	101 Roberta St. Valley Stream, L.I. N.Y. — 11580
Gladys Bundy and Mr. and Mrs. Harold Wilson	Bethel, Vermont — 05032
Mary R. Lange	22 Tacoma Parkway Greenwich, Conn. — 06830
Alastair C. & Miriam Sellers	73 Main St. Newtown, Conn. — 06470
Edward & Helen Maynard	Woodstock, Vt. — 05091
John Doten, Jr. Fred Doten & Jean Staples	Woodstock, Vermont — 05091
Florence Hickey	701 South Broadway Tarrytown, N.Y. 10591
Caroline Camp	Woodstock, Vt. — 05091
Joseph & Barbara Cancellieri and Kings	24 Oxford Road Newton Centre, Mass. 02159
Theodore & Elinor Clifford	Bethel, Vermont — 05032
Mrs. Arnold Martin Alfred Gibbs & Wendy Lee (c/o Morse	Woodstock, Vt. — 05091 2 Maplewood Terrace Lake Placid Jct., Vt. — 12946
Donald E. Gordon	340 W. South St. Carlisle, Pa. 17013

RECEIVED
MAY 3 1976
Dept. of Water Resources

Alice Gould & Sara Wagner	Woodstock, Vermont — 05091
Richard & Marine Lawrence	Hartford, Vermont — 05047
Dorothy Jardis & Mary Milligny	South Royalton, Vermont — 05068
George & Evelyn Woodward	White River Jct. Vt. — 05001 14 Cascadnac Ave.
Ralph & Evelyn Woodruff	Springfield, Vt. — 05156 22 Chester Road
Walter & Marjorie Bosseth	N. Woodstock, Vt. — 05091
Woodell & Ivy Mccarty	Barnard, Vermont — 05031
Richard & Mary Sterling	Woodstock, Vermont — 05091
Arthur & Winona M. Ladd	Woodstock, Vermont
Eugene & Nancy Roy	Woodstock, Vermont — 05091

I am not sure this is a complete list of those owning around the lake but there can only be a few more. I think I have all of those owning cottages. Margaret Crosby deeded her property to Daniel Field of Cambridge, Mary Field Parker of Weston, Mass., Margaret Field Aronson of Bethesda, Maryland. I think maybe this is some of the land beyond the Park but am not sure if it comes to the edge of the lake.

Yours truly

Hazel R Davis

Note Dept. of F+P

RECEIVED
MAR 1 3
Dept. of Water Resources

February 19, 1968

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	AJR	2-19
LB	CJD	2/19
JEC	JEC	2-21
SUSPEND TO		
FILE		

Mr. Frank Chase
District Highway Engineer
State of Vermont
District Highway Office
11 Elm Street
Woodstock, Vermont 05091

Dear Mr. Chase:

Enclosed are preliminary prints of the Silver Lake Dam reconstruction. These are for your information as per our telephone conversation of February 16th.

The project will not begin until after the summer recreation season, sometime in September. This may have some influence on the scheduled improvements for State Aid Road No. 3 in the Town of Barnard.

In the not too distant future, we expect to be meeting with the selectmen of the Town of Barnard to review the proposed improvements of the dam with them.

If we can be of any further assistance, please feel free to contact this office.

Sincerely yours,

Andre J. Rouleau
Federal Program Coordinator

AJR/bp

Enc.

DEPARTMENT OF WATER RESOURCES
MONTPELIER, VERMONT

FILE COPY

ROUTING

GENERAL TO	NOTED	DATE
CJB	C.J.B.	7/17
JEC		

RETURNED TO

OFFICE MEMORANDUM

DATE July 17, 1967

TO: Forrest E. Orr, Executive Director, Interagency Committee on Natural Resources

FROM: Charles J. Bacon, Water Resources Project Engineer

SUBJECT: Silver Lake Development; Additional Information Requested by B.O.R.

As we are awaiting B.O.R. approval of this project before initiating survey and design of the structure, accurate site maps are not available at the present time. A map showing the general area of the State and another showing the shape of Silver Lake, the location of the structure in relation to highways, private buildings, and the State park were included with the original proposal. The site was inspected by B.O.R. personnel prior to submission of the project proposal.

The construction cost was estimated by determining preliminary hydrologic data and one technically feasible method of correcting the present deficiencies in the structure. The cost breakdown, based on recent bid prices on similar construction in the area, is as follows:

Item	Description	Quantity	Unit Cost	Total
1.	Handling Flows	L.S.	$ 2,000.00	$ 2,000.00
2.	Concrete	65 C.Y.	150.00 C.Y.	9,750.00
3.	36" C.G.M.P.	240 L.F.	15.00 L.F.	3,600.00
4.	Excavation	600 C.Y.	5.00 C.Y.	3,000.00
5.	Backfill (excess)	200 C.Y.	3.00 C.Y.	600.00
6.	Riprap	100 C.Y.	20.00 C.Y.	2,000.00
7.	Gravel	300 C.Y.	2.00 C.Y.	600.00
8.	Tack Coat & Blade Mix	600 Gal.	.75 Gal.	450.00
9.	3 Cable Guard Rail	240 L.F.	2.50 L.F.	600.00
10.	Guard Rail Anchors	4 Each	50.00 Each	200.00
11.	Wood Planks	L.S.	300.00	300.00
12.	Misc. Metal Work	L.S.	500.00	500.00
13.	Cleanup	L.S.	1,000.00	1,000.00
			Sub-Total	$ 24,600.00
			Contingencies 15%±	3,400.00
			TOTAL	$ 28,000.00

It should be noted that the above estimate is based on preliminary studies which do not include foundation investigations or accurate design surveys. When these phases are completed, a different and possibly more economical solution may be utilized.

The construction of this structure will be accomplished by contract.

We have enclosed a photocopy of a photo taken in 1958 when the impoundment was drawn down for maintenance. At that time, the gate mechanism, at right center of photo, was replaced by a stop plank structure. The two outlet tubes can be seen to the left. The deteriorating concrete wall has not been repaired and the concrete placed in 1958, for the stop plank structure, is badly deteriorated at present, probably due to improper construction.

I trust that this information will be adequate.

DEPARTMENT OF WATER RESOURCES
MONTPELIER, VERMONT

ROUTING

GENERAL TO	NOTED	DATE
File Copy in file		
SUSPEND TO		
FILE		

DATE July 17, 1967

OFFICE MEMORANDUM

TO: Forrest E. Orr, Executive Director, Interagency Committee on Natural Resources

FROM: Charles J. Bacon, Water Resources Project Engineer

SUBJECT: Silver Lake Development; Additional Information Requested by B.O.R.

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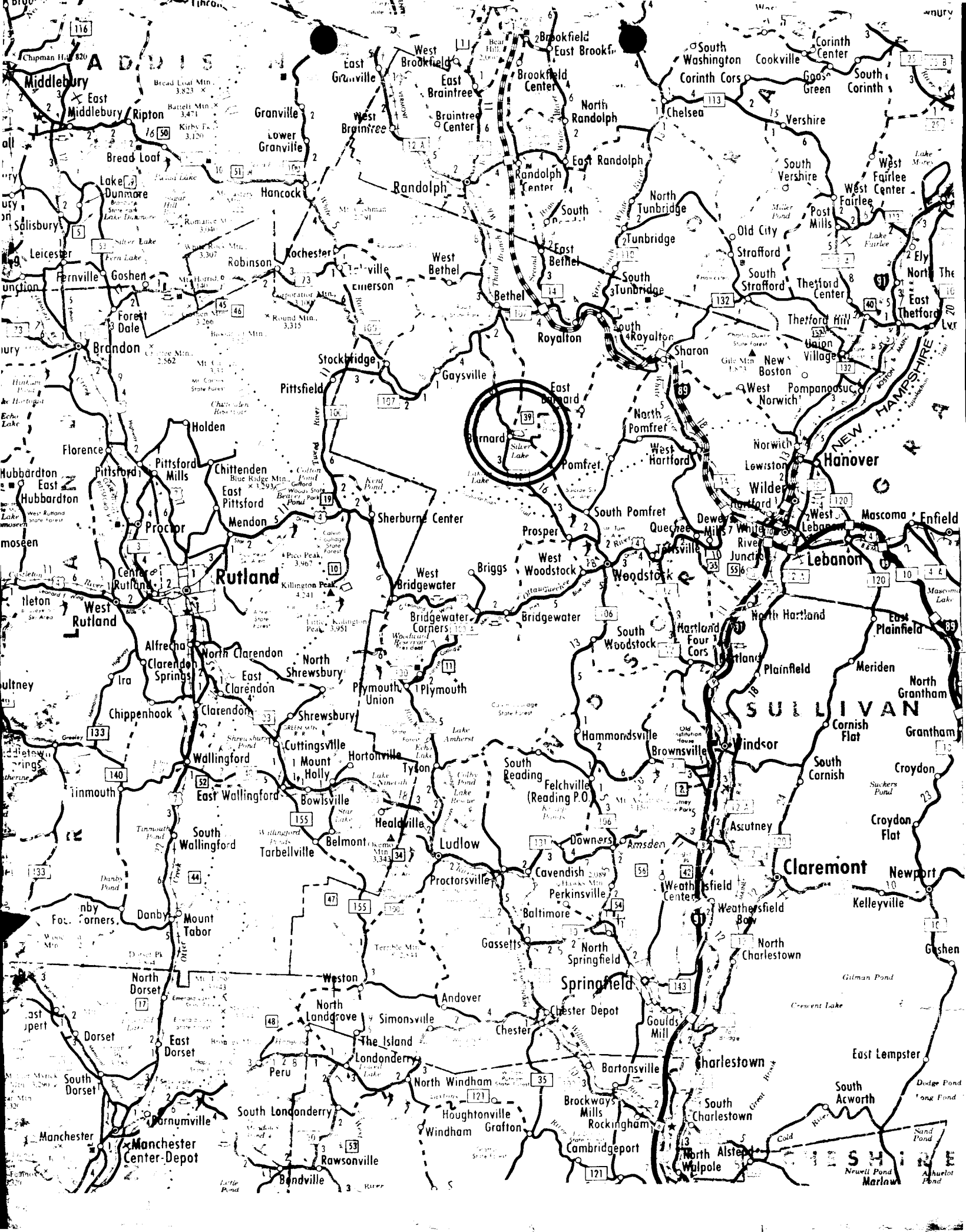
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1.	Handling Flows	L.S.	$ 2,000.00	$ 2,000.00
2.	Concrete	65 C.Y.	150.00 C.Y.	9,750.00
3.	36" C.G.M.P.	240 L.F.	15.00 L.F.	3,600.00
4.	Excavation	600 C.Y.	5.00 C.Y.	3,000.00
5.	Backfill (excess)	200 C.Y.	3.00 C.Y.	600.00
6.	Riprap	100 C.Y.	20.00 C.Y.	2,000.00
7.	Gravel	300 C.Y.	2.00 C.Y.	600.00
8.	Tack Coat & Blade Mix	600 Gal.	.75 Gal.	450.00
9.	3 Cable Guard Rail	240 L.F.	2.50 L.F.	600.00
10.	Guard Rail Anchors	4 Each	50.00 Each	200.00
11.	Wood Planks	L.S.	300.00	300.00
12.	Misc. Metal Work	L.S.	500.00	500.00
13.	Cleanup	L.S.	1,000.00	1,000.00
			Sub-Total	$ 24,600.00
			Contingencies 15%±	3,400.00
			TOTAL	$ 28,000.00

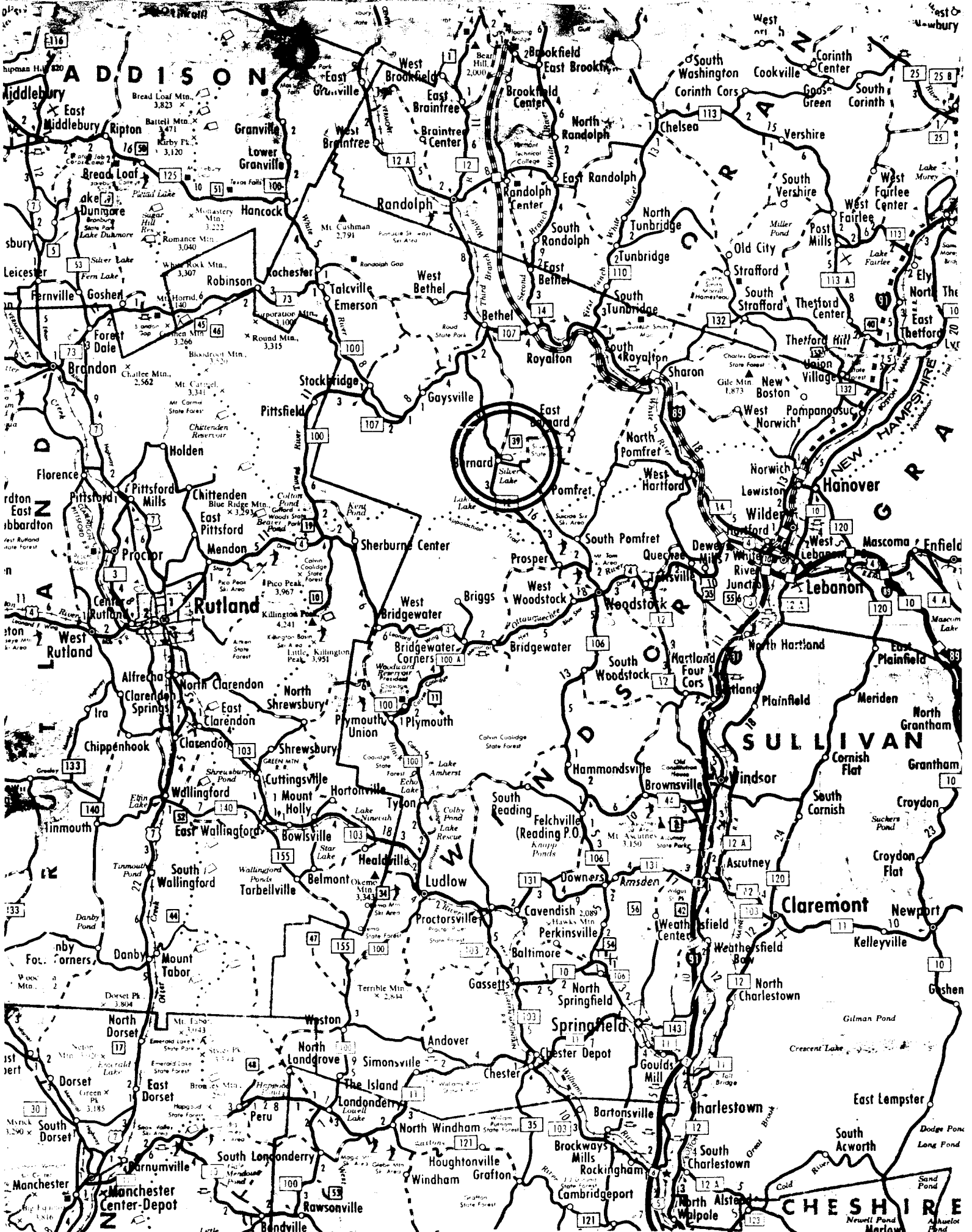
It should be noted that the above estimate is based on preliminary studies which do not include foundation investigations or accurate design surveys. When these phases are completed, a different and possibly more economical solution may be utilized.

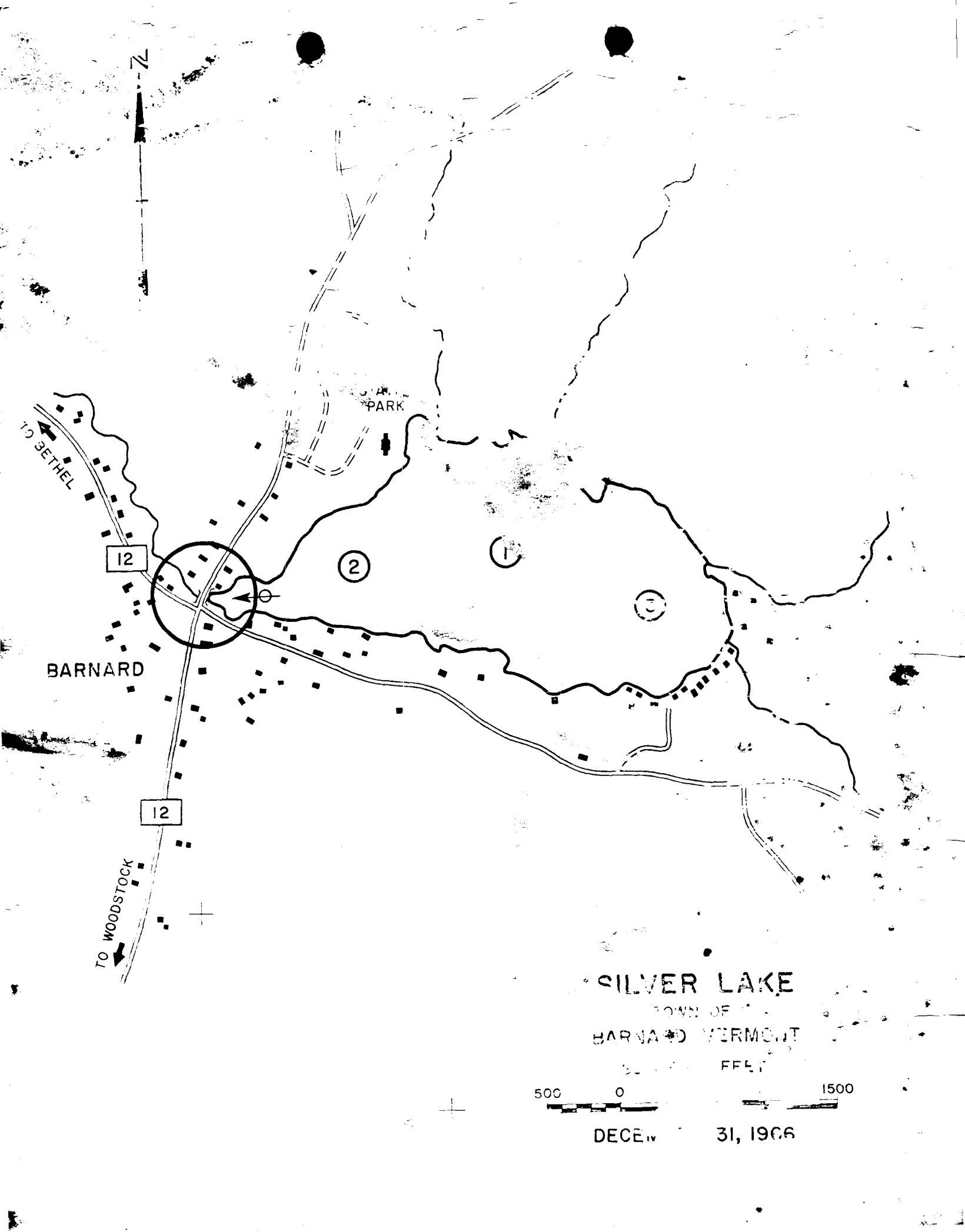
The construction of this structure will be accomplished by contract.

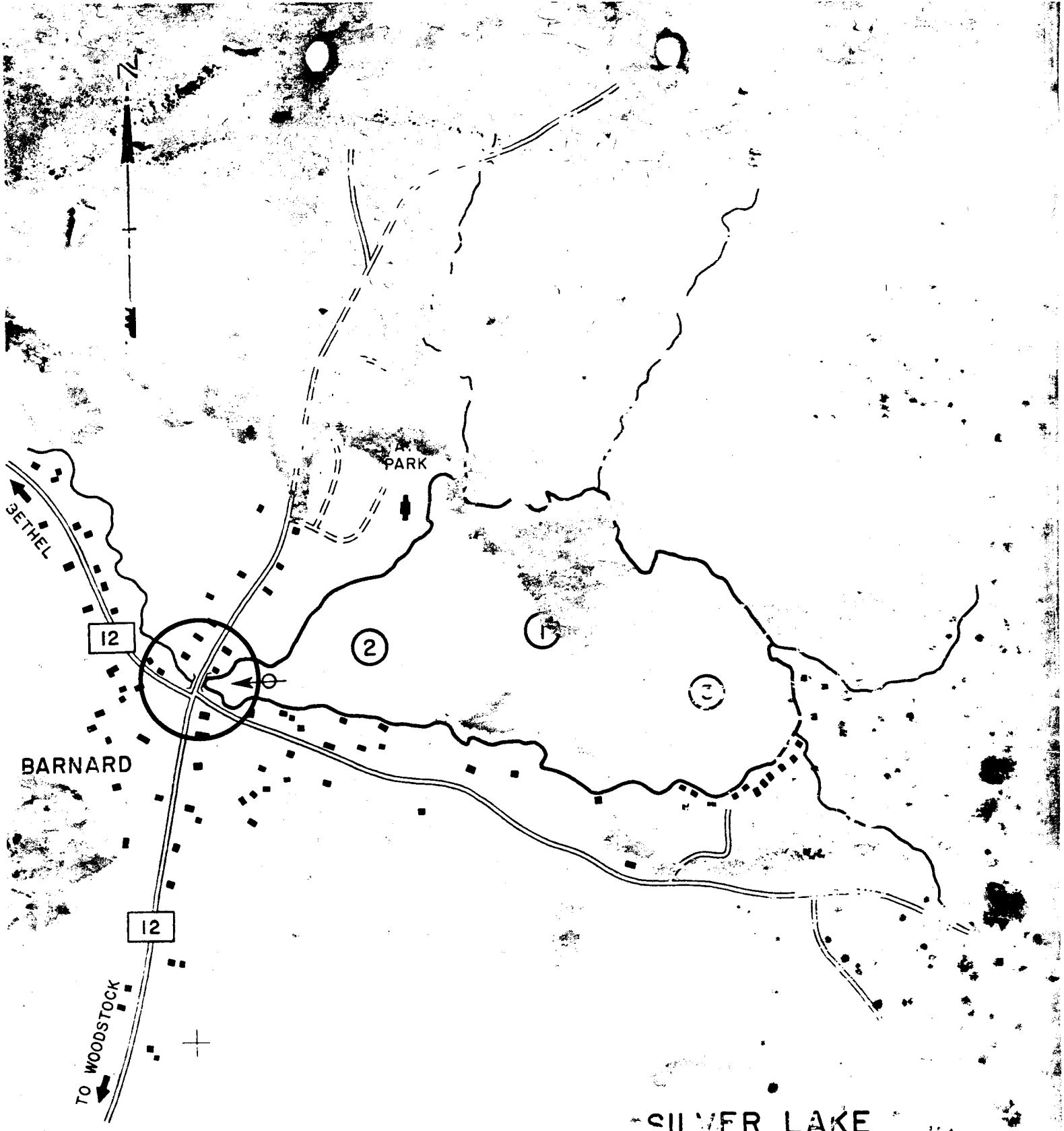
We have enclosed a photocopy of a photo taken in 1958 when the impoundment was drawn down for maintenance. At that time, the gate mechanism, at right center of photo, was replaced by a stop plank structure. The two outlet tubes can be seen to the left. The deteriorating concrete wall has not been repaired and the concrete placed in 1958, for the stop plank structure, is badly deteriorated at present, probably due to improper construction.

I trust that this information will be adequate.


ADDISON
RUTLAND
WINDSOR
SULLIVAN
GRAFTON
CHESHIRE
NEW HAMPSHIRE
Middlebury
East Middlebury
Ripton
Bread Loaf
Lake Dunmore
Salisbury
Leicester
Fernville
Goshen
Forest Dale
Brandon
Hancock
Granville
Lower Granville
East Granville
West Brookfield
East Brookfield
Brookfield
Brookfield Center
East Braintree
Braintree Center
West Braintree
Randolph
Randolph Center
East Randolph
North Randolph
Chelsea
South Washington
Corinth Center
Cookville
Corinth Corners
Goose Green
South Corinth
Vershire
South Vershire
West Fairlee
West Center
Fairlee
Post Mills
Old City
Strafford
South Strafford
Thetford Center
East Thetford
Thetford Hill
Union Village
New Boston
West Pompanoosuc
West Norwich
Norwich
Hanover
Lewiston
Wilder
Hartford
West Lebanon
Lebanon
Mascoma
Enfield
North Hartland
East Plainfield
Plainfield
Meriden
North Grantham
Cornish Flat
Grantham
Windsor
Brownsville
South Cornish
Croydon
Croydon Flat
Claremont
Newport
Kelleyville
Goshen
Gilman Pond
Crescent Lake
East Lempster
Dodge Pond
Long Pond
Sand Pond
Ashuelot Pond
Marlow
Newell Pond
Cold
Ascutney
Weathersfield Bow
Weathersfield Center
North Charlestown
Charlestown
South Charlestown
North Alstead
Walpole
Bartonsville
Brockways Mills
Rockingham
Cambridgeport
Springfield
North Springfield
Chester Depot
Chester
Goulds Mill
Gassetts
Baltimore
Perkinsville
Cavendish
Proctorsville
Ludlow
Amsden
Downers
Felchville (Reading P.O.)
South Reading
Hammondsville
Tyson
Hortonville
Plymouth
Plymouth Union
Shrewsbury
Cuttingsville
Mount Holly
Healdville
Belmont
Tarbellville
Bowlsville
Wallingford
East Wallingford
South Wallingford
Tinmouth
Chippenhook
Clarendon
East Clarendon
North Clarendon
Clarendon Springs
Alfrecha
Ira
North Shrewsbury
Rutland
West Rutland
Center Rutland
Proctor
Pittsford
Pittsford Mills
Florence
Holden
Chittenden
East Pittsford
Mendon
Sherburne Center
Killington Peak
Pico Peak
Blue Ridge Mtn.
Bread Loaf Mtn.
Battell Mtn.
Kirby Mtn.
Romance Mtn.
Silver Lake
Fern Lake
Lake Pleasant
Lake Bomoseen
Echo Lake
Hubbardton
East Hubbardton
Danby
Danby Four Corners
Mount Tabor
North Dorset
East Dorset
South Dorset
Dorset
Peru
The Island
Londonderry
North Londonderry
Simonsville
Andover
Weston
North Windham
South Londonderry
Windham
Houghtonville
Grafton
Rawsonville
Bondville
Parnumville
Manchester
Manchester Center-Depot
Stockbridge
Pittsfield
Gaysville
Bethel
West Bethel
East Bethel
Royalton
South Royalton
South Tunbridge
North Tunbridge
Tunbridge
Sharon
Robinson
Rochester
Emerson
Barnard
Silver Lake
East Barnard
North Pomfret
Pomfret
West Hartford
South Pomfret
Quechee
Dewey Mills
Taftsville
Prosper
West Woodstock
Woodstock
Briggs
West Bridgewater
Bridgewater
Bridgewater Corners
South Woodstock
Hartland Four Corners
Hartland
Mount Ascutney
Mount Cube
Mount Holly
Mount Tabor
Mount Pisgah
Mount Ascutney
Mount Cube
Mount Pisgah
Mount Holly
Mount Tabor


ADDISON
RUTLAND
WINDSOR
ORANGE
WINDHAM
BENNINGTON
SULLIVAN
CHESHIRE
NEW HAMPSHIRE
Middlebury
East Middlebury
Ripton
Bread Loaf Mtn., 3,823
Granville
Lower Granville
Hancock
Bread Loaf
Lake Dunmore
Romance Mtn. 3,040
White Rock Mtn., 3,307
Rochester
Robinson
Talcville
Emerson
West Bethel
Bethel
Royalton
South Royalton
Sharon
Gaysville
Stockbridge
Pittsfield
Brandon
Forest Dale
Fernville
Goshen
Leicester
Holden
Florence
Pittsford
Pittsford Mills
Chittenden
East Pittsford
Mendon
Proctor
Rutland
West Rutland
Center Rutland
Killington Peak 4,241
Pico Peak 3,967
Sherburne Center
Prosper
Briggs
West Woodstock
Woodstock
South Woodstock
Bridgewater
West Bridgewater
Bridgewater Corners
Plymouth
Plymouth Union
Alfreda
North Clarendon
Clarendon Springs
Ira
East Clarendon
Clarendon
Chippenhook
North Shrewsbury
Shrewsbury
Cuttingsville
Mount Holly
Hortonville
Tyson
Wallingford
East Wallingford
Tinmouth
Bowlsville
Healdville
Belmont
Tarbellville
South Wallingford
Ludlow
Proctorsville
Cavendish
Perkinsville
Baltimore
Gassetts
North Springfield
Springfield
Chester Depot
Chester
Andover
Weston
North Landgrove
Simonsville
The Island
Londonderry
Peru
North Windham
Windham
Houghtonville
Grafton
South Londonderry
Dorset
East Dorset
North Dorset
South Dorset
Danby
Mount Tabor
Danby Four Corners
Dorset Pk. 3,804
Mt. Tabor 3,643
Terrible Mtn. 2,834
Barnumville
Manchester
Manchester Center-Depot
Rawsonville
Bondville
Brookfield
East Brookfield
Brookfield Center
East Braintree
Braintree Center
West Braintree
West Brookfield
East Granville
Randolph
Randolph Center
East Randolph
North Randolph
South Randolph
North Tunbridge
Tunbridge
East Bethel
South Tunbridge
Old City
Strafford
South Strafford
Thetford Center
Thetford Hill
East Thetford
Post Mills
West Fairlee
Fairlee
West Center
South Vershire
Vershire
Chelsea
South Washington
Cookville
Corinth Center
Corinth Cors
Goos Green
South Corinth
East Barnard
Barnard
Silver Lake
North Pomfret
Pomfret
West Hartford
South Pomfret
Quechee
Taftsville
Dewey Mills
White River Junction
West Lebanon
Lebanon
Hanover
Norwich
Lewiston
Wilder
Hartford
Mascoma
Enfield
New Boston
West Pompanoosuc
Union Village
Gile Mtn. 1,873
Briggs
Bridgewater
North Hartland
Hartland Four Cors
East Plainfield
Plainfield
Meriden
North Grantham
Grantham
Cornish Flat
South Cornish
Croydon
Croydon Flat
Newport
Kelleyville
Claremont
Ascutney
Windsor
Brownsville
Hammondsville
South Reading
Felchville (Reading P.O.)
Downers
Amsden
Weathersfield Center
Weathersfield Bow
North Charlestown
Gilman Pond
Crescent Lake
Goulds Mill
Charlestown
Bartonsville
Brockways Mills
Rockingham
Cambridgeport
South Charlestown
North Alstead
East Lempster
South Acworth
Dodge Pond
Long Pond
Sand Pond
Newell Pond
Marlow
Cold River
Great Brook
Lake Fairlee
Lake Morey
Lake Amherst
Lake Rescue
Lake Ninevah
Tinmouth Pond
Danby Pond
Emerald Lake
Lake Rescue
Lake Bomoseen
Lake Hortonia
Lake Pauline
Lake Lashaway
Lake Appalachian
Lake Lake


N
PARK
TO BETHEL
12
BARNARD
12
TO WOODSTOCK
1
2
3
SILVER LAKE
TOWN OF
BARNARD VERMONT
FEET
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0
1500
DECEMBER 31, 1966



SILVER LAKE

TOWN OF

BARNARD VERMONT

FEET

500 0 1500

DECEMBER 31, 1966

MEMORANDUM July 30, 1970

TO: Bruce Mosher, Director
Finance Division

FROM: Forrest E. Orr, Director
Interagency Committee on Natural Resources

SUBJECT: Final BOR Approval - Project #50-00044, Silver Lake Dam

Enclosed please find final BOR approval of the above project. The original estimated cost of this project was $44,328.00 with funding as follows:

BOR Reimbursement	$22,164.00
Act 150	19,863.55
Act 195	2,036.45
Interagency Appropriation	264.00
	$44,328.00

The final cost of this project was $39,137.16. Therefore the funding is as follows:

BOR Reimbursement	$19,568.58
Act 150	19,355.47
Interagency Appropriation	213.11
	$39,137.16

The sum of $508.08 should revert to Act 150 and the sum of $2,036.45 to Act 195.

cc: Water Resources Department
Mario Bianchi, Finance Division

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF OUTDOOR RECREATION
FEDERAL BUILDING
1421 CHERRY STREET
PHILADELPHIA, PENNSYLVANIA 19102

IN REPLY REFER TO:

JUL 3 7 1970

cc w/enc
C.C. Fwd
w/enc

Mr. Forrest E. Orr,
Executive Director
Interagency Commission on
Natural Resources
State House
Montpelier, Vermont 05602

Dear Forrest:

We have reviewed the documentation and final progress report pertaining to the completion of Project #50-00044, Silver Lake Development, and found them to be satisfactory.

Therefore, I have authorized final payment. Please note that actual project expenditures are subject to verification at audit.

Sincerely yours,

Rolland B. Handley
Regional Director

By: George W. Davis
George W. Davis

RECEIVED
JUL 31 1970
Dept. of Water Resources

BILLING FORM

State and Agency VERMONT

Project Number 44-00044

Billing Number 3 - Final

Period Covered by this Billing: From 7/31/69 to 7/1/70

Project Title: Silver Lake Development

Cost Categories	Obligations Since Last Billing	Total Obligations To Date	FOR BOR USE ONLY
Personnel			
Consultant Services		~~6,249.81~~	
Supplies			
Equipment			
Information			
Real Property			
Construction		~~118.79~~	
Indirect Costs	~~1,866.94~~	~~32,342.34~~	
Other			
	~~?~~	~~?~~	
TOTAL	~~1,866.94~~	~~38,710.94~~	
Less: State Contribution	933.47	19,355.47	
			Sub-Total
			+ or -
			Sub-Total
			Less 5%
			Sub-Total
			Previous Payment
Fund Contribution	933.47	19,355.47	

"I certify that the billing is correct and just and is based upon actual payment(s) of record by the participant State or political subdivision; that payment from the Federal government has not been received; that the work and services are in accordance with the Bureau of Outdoor Recreation approved project agreement including amendments thereto; and that progress of the work and services under the project agreement is satisfactory and is consistent with the amount billed. I further certify that the participant State, political subdivision or public agency is not involved in any court litigation or law suits wherein it is alleged by private parties of the U. S. that persons were, on the grounds of race, color or national origin, excluded from participation in, denied benefits of, or otherwise subject to discrimination in the outdoor recreatinn program or facilities of the State, political subdivision or public agency."

Signature of State Liaison Officer or Authorized Representative — Date

"Approved for Payment"

Regional Director or Authorized Representative — Date

BILLING FORM

State and Agency

Silver Lake
Project Number # 44-00044
Billing Number 2

Period Covered by
this Billing: From 1/31/69 To 7/31/69

Cost Categories	Obligations Since Last Billing	Total Obligations To Date	For BOR Use Only
Personnel	$ 1,848.25		
Consultant Services		$ 6,249.81	
Supplies			
Equipment			
Information		118.79	
Real Property			
Construction	5,099.00	30,475.40	
Indirect Costs			
Other			
TOTAL	$ 6,947.25	$ 36,844.00	
Less: State Contribution	3,473.62	18,422.00	
			Sub-Total
			+ or -
			Sub-Total
			Less 5%
			Sub-Total
			Previous Payments
Fund Contribution	$ 3,473.63	$ 18,422.00	

"I certify that the billing is correct and just and is based upon actual payment(s) of record by the participant State or political subdivision; that payment from the Federal government has not been received; that the work and services are in accordance with the Bureau of Outdoor Recreation approved project agreement including amendments thereto; and that progress of the work and services under the project agreement is satisfactory and is consistent with the amount billed. I further certify that the participant State, political subdivision or public agency is not involved in any court litigation or law suits wherein it is alleged by private parties of the U.S. that persons were, on the grounds of race, color, or national origin, excluded from participation in, denied benefits of, or otherwise subject to discrimination in the outdoor recreation program or facilities of the State, political subdivision or public agency."

Signature of State Liaison Officer or Authorized Representative — Date

"Approved for Payment"

Regional Director or Authorized Representative — Date

BILLING FORM

State and Agency **State of Vermont**
Department of Water Resources

Project Number **Silver Lake** **44-00044**
Billing Number **1**

Period Covered by
this Billing: From **4/1/67** To **1/31/69**

Cost Categories	Obligations Since Last Billing	Total Obligations To Date
Personnel		
Consultant Services	$ 4,401.56	$ 4,401.56
Supplies		
Equipment		
Information **Sub-soil**	118.79	118.79
Real Property		
Construction	25,376.40	25,376.40
Indirect Costs		
Other		
TOTAL	$ 29,896.75	$ 29,896.75
Less: State Contribution	$ 14,948.38	$ 14,948.38
Fund Contribution	$ 14,948.37	$ 14,948.37

For BOR Use Only

Sub-Total
+ or -
Sub-Total
Less 5%
Sub-Total
Previous Payments

"I certify that the billing is correct and just and is based upon actual payment(s) of record by the participant State or political subdivision; that payment from the Federal government has not been received; that the work and services are in accordance with the Bureau of Outdoor Recreation approved project agreement including amendments thereto; and that progress of the work and services under the project agreement is satisfactory and is consistent with the amount billed. I further certify that the participant State, political subdivision or public agency is not involved in any court litigation or law suits wherein it is alleged by private parties of the U.S. that persons were, on the grounds of race, color, or national origin, excluded from participation in, denied benefits of, or otherwise subject to discrimination in the outdoor recreation program or facilities of the State, political subdivision or public agency."

Signature of State Liaison Officer or Authorized Representative — Date

"Approved for Payment"

Regional Director or Authorized Representative — Date

DA-PUR 307 20M-3-66

STATE OF VERMONT

TO: Commissioner Reinhold W. Thieme, Dept. of Water Resources

FROM: F. E. Orr, Interagency Committee on Natural Resources

DATE: September 4, 1968

SUBJECT: Project #44-00044, Silver Lake Development

☐ APPROVAL	☐ NOTE AND SEE ME	☐ PER CONVERSATION
☐ SIGNATURE	☐ NOTE AND RETURN	☐ AS REQUESTED
☐ COMMENT	☐ NOTE AND FILE	☐ NECESSARY ACTION
☐ REVIEW	☐ FOR YOUR INFORMATION	☐ GIVE ME THE FACTS
☐ PREPARE REPLY FOR MY SIGNATURE		☐ SUGGESTIONS REQUESTED
☐ YOUR ACTION REQUESTED BY THIS DATE		

REMARKS:

Enclosed for your information is Amendment #1 for the above project which has been approved by BOR.

ROUTING

GENERAL

TO	NOTED	DATE
RWT		9-10
JEC		9/10
AJR		9/10

SUSPEND TO FILE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF OUTDOOR RECREATION
128 N. BROAD STREET
PHILADELPHIA, PENNSYLVANIA 19102

IN REPLY REFER TO:
#44-00044

AUG 2 9 1968

Mr. Forrest E. Orr, Executive Director
Interagency Commission on Natural Resources
State House
Montpelier, Vermont 05602

Dear Forrest:

It is my pleasure to inform you that the amendment #1 to the Project Agreement for Project #44-00044, Silver Lake Development, has been approved. This amendment will extend the termination of the project period to 7/1/69 and will provide an additional matching Fund assistance from the Land and Water Conservation Fund in the amount of $4,590.00.

Enclosed is your record copy of the approved amendment to the Project Agreement.

Sincerely yours,

Rolland B. Handley
Regional Director

Enclosure

The $7 Annual Golden Eagle Passport admits carload of people year-long to all designated Federal recreation areas

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Outdoor Recreation

State Vermont

Project Amendment No. 44-00044.1

AMENDMENT TO PROJECT AGREEMENT

THIS AMENDMENT TO Project Agreement No. 44-00044 is hereby made and agreed upon by the United States of America, acting through the Director of the Bureau of Outdoor Recreation and by the State of Vermont, pursuant to the Land and Water Conservation Fund Act of 1965, 78 Stat. 897 (1964).

The State and the United States, in mutual consideration of the promises made herein and in the agreement of which this is an amendment, do promise as follows:

That the above-mentioned agreement is amended by adding the following:

Period Covered by this Agreement -
Change from: 4/1/67 - 10/1/68
to: 4/1/67 - 7/1/69

Assistance this Stage -
Change from: $17,574.00
to: $22,164.00

Project Period -
Change from: 4/1/67 - 10/1/68
to: 4/1/67 - 7/1/69

This amendment carries a 2% surcharge on the increase.

Total Cost -
Change from: $35,148.00
to: $44,328.00

Fund Amount -
Change from: $17,574.00
to: $22,164.00

Cost of this Stage -
Change from: $35,148.00
to: $44,328.00

In all other respects the agreement of which this is an amendment, and the plans and specifications relevant thereto, shall remain in full force and effect. In witness whereof the parties hereto have executed this amendment as of the date entered below.

THE UNITED STATES OF AMERICA

By _____
(Signature)

REGIONAL DIRECTOR
(Title)

Bureau of Outdoor Recreation
United States Department of
the Interior

Date _____

STATE

Vermont
(State)

By _____
(Signature)

Forrest E. Orr
(Name)

State Liaison Officer
(Title)

AUG 22 1968

BOR 8-02a
(Rev. Mar. 1967)

RECEIVED
SEP 10 1968
Dept. of Water Resources

Interagency Committee on Natural Resources

MONTPELIER, VERMONT

PHILIP H. HOFF, Governor, *Chairman*

~~ELBERT GIBBONS~~, Commissioner of Development, ~~*Vice-Chairman*~~

FORREST E. ORR, *Executive Director*

Commissioner of Agriculture
Commissioner of Fish and Game
Commissioner of Forests and Parks
Commissioner of Health
Commissioner of Highway
Commissioner of Public Service
Commissioner of Water Resources

August 22, 1968

ROUTING
GENERAL

TO	NOTED	DATE
IEC	IEC	
AR	AJR	8-26-68
RWT	FE	8-26

SUSPEND TO FILE

Mr. Rolland B. Handley, Regional Director
Bureau of Outdoor Recreation
128 North Broad Street
Philadelphia, Pennsylvania 19102

Re: Project #44-00044, Silver Lake

Dear Rolland:

Enclosed please find amendment #44-00044.1 for Silver Lake Development. The purpose of additional funds is to provide for increased construction costs, which are based upon bids submitted by private contractors for the project. We are enclosing a summary of the bids submitted to the Water Resources Department.

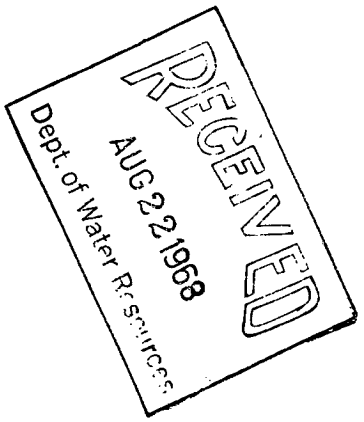
The original estimate for construction was $28,000.00. The low bid submitted was in the amount of $31,750.00. There was no contingency item in the original submission, and, since this construction will be late in starting, Water Resources has added a 15% contingency factor to the construction cost. This 15% contingency factor has been discussed with your staff before and we have pointed out that as a result of experience gained in previous projects, we are now aware that there is a certain degree of uncertainty involved when attempting to reconstruct old dams. In short, one never knows what one is going to find when the area is uncovered. In the event this amendment meets with your approval, we are requesting the additional sum of $4590.00 be obligated from Vermont's apportionment of the Land and Water Conservation Fund.

One final comment, we respectfully request this matter be expedited, since the bids have been opened and the contracts are awaiting signatures.

Sincerely,

Forrest E. Orr
State Liaison Officer

Enclosure
cc: Comm. Thieme


RECEIVED
AUG 22 1968
Dept. of Water Resources

NCR Paper DO NOT INSERT CARBON THIS FORM MADE WITH THE NEW NCR PAPER. NO CARBON REQUIRED

INTER-OFFICE MEMO

TO John	OFFICE
FROM Bud	OFFICE
SUBJECT Silver Lake Project 44-00044	DATE 8-8-68

MESSAGE:

Please give me the background on the necessity for fund request change - It is about 20% - So our allowance for contingency adequate?

SIGNED R.

REPLY:

OK add 15% to Contractor's Bid.

DATE	OFFICE	SIGNED

B-675 ORIGINATOR SEND PARTS 1 AND 3 INTACT — RECIPIENT RETURN PART 3 WITH REPLY PART (1)

Silver Lake BOR Project 44-000 44

The significant change is in the construction costs the background is as follows.

1. Proposal submitted in July, 1967 $28,000.00
   Copy of estimate based on preliminary studies by staff is attached.

2. Preliminary estimate by Dubois and King after design was initiated 28,000.00

3. Preliminary estimate, March 1968
   Plans nearly complete 32,000.00

4. Engineers Estimate at time of advertising 34,000.00

5. Low Bidder 32,750.00

DEPARTMENT OF WATER RESOURCES
MONTPELIER, VERMONT

OFFICE MEMORANDUM

TO: Commissioner Thieme

FROM: Andre J. Rouleau

SUBJECT: Silver Lake BOR Project 44-000 44
Bid Opening

DATE: August 2, 1968

The bids for Reconstruction and Repair to Silver Lake Dam in Barnard were opened at 2:00 P.M.,E.D.S.T., August 1, 1968. There were three bidders. The result is as follows:

#1	Lowell Engineering Company	$ 31,750.00
#2	Pinello Engineering Bridge Con. Co., Inc.	31,993.00
#3	Miller Construction	32,150.00

The Engineer's estimate at the time of bid opening was $33,835.00. There is a $400.00 difference between the low and high bidder, which is 1.25%. Each proposal is being examined and considered as was stated in the Information for Bidders. The purpose of the examination of the proposal is because some of the quantities were assumed for the purpose of comparing bids.

Lowell Engineering Company has not contracted any work in the State of Vermont for 10 years, and therefore, will have to register and qualify for work here prior to being awarded the contract if they are to do the work. The other two contractors are already qualified.

We reserve the right to reject any or all bids or to accept any bid should it be deemed in the public interest to do so.

Attached is a tabulation of the items and prices.

RECONSTRUCTION AND REPAIRS TO SILVER LAKE DAM BARNARD WINDSOR COUNTY VERMONT

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	MILLER CONSTR. CO.		PINELLO ENGR BRIDGE CONSTR.		LOWELL ENGR. CO.	
			UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	REMOVE EXISTING CONTROL STRUCTURE STEEL PIPES AND IRON RAILINGS	LUMP SUM		1500 00		7950 00		3000 00
2	EXCAVATION TO EXPOSE EXISTING CONCRETE WORK	500 CU YDS	4 00	2000 00	5 00	2500 00	6 00	3000 00
3	CLASS A CONCRETE INCLUDING STEEL REINFORCEMENT CENTER SECTION OF DAM	60 CU. YDS	140 00	8400 00	125 00	7500 00	110 00	6600 00
4	CLASS A CONCRETE, 6-INCH FACING INCLUDING STEEL REINFORCEMENT	30 CU. YDS.	180 00	5400 00	80 00	2400 00	110 00	3300 00
5	ROCK EXCAVATION	5 CU YDS	40 00	200 00	50 00	250 00	20 00	100 00
6	36-INCH DIAMETER CORRUGATED GALVANIZED METAL PIPES	LUMP SUM		5000 00		5543 00		6500 00
7	LOWERING LAKE AND HANDLING ALL FLOWS DURING CONSTRUCTION	LUMP SUM		2500 00		1000 00		2000 00
8	MISCELLANEOUS METAL WORK	LUMP SUM		2500 00		1600 00		3,500 00
9	STOP PLANKS	LUMP SUM		250 00		420 00		650 00
10	STEEL BEAM GUARD RAILS	LUMP SUM		650 00		1050 00		1,000 00
11	RIP RAP	100 SQ YDS	25 00	2500 00	10 00	1000 00	15 00	1,500 00
12	LOAMING AND SEEDING	100 SQ. YDS.	2 00	200 00	4 00	400 00	1 00	100 00
13	MISCELLANEOUS EARTH EXCAVATION	20 CU. YDS.	5 00	100 00	4 00	80 00	5 00	100 00
14	BANK RUN GRAVEL	10 CU YDS	3 00	30 00	5 00	50 00	5 00	50 00
15	SCREENED GRAVEL	10 CU. YDS.	7 00	70 00	5 00	50 00	5 00	50 00
16	SELECT GRAVEL	20 CU YDS.	5 00	100 00	5 00	100 00	5 00	100 00
17	CLEANING UP AND ALL MISCELLANEOUS WORK NOT PAID UNDER ITEMS NO 1-16 INCLUSIVE	LUMP SUM		750 00		100 00		200 00
				32,150 00		31,993 00		31,750 00

DEPARTMENT OF WATER RESOURCES
MONTPELIER, VERMONT

OFFICE MEMORANDUM

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	ASR	8-19
JEC		19
		8-20
SUSPEND TO		
FILE	✓	

TO: John E. Cerutti

FROM: Andre J. Rouleau

SUBJECT: Silver Lake Dam - Contract for Construction

DATE: August 19, 1968

We have accepted the low bidder, William J. Kelly, dba Lowell Engineering Company. We have inquired into the ability of the bidder to perform the work, and also his financial statement. We are satisfied that this contractor has sufficient experience, ability, and capital to do this work.

The contract amount exceeds the budget by $3,750.00. A request for additional funds for the project (an increase of $9,000.00), is being processed through the Interagency Committee on Natural Resources and B.O.R. Meanwhile, the contract can be executed on the basis that the balance required at the present time ($1,868.79) is available from the non-matching bond issue expenditures.

DEPARTMENT OF WATER RESOURCES
MONTPELIER, VERMONT

FILE COPY

ROUTING

GENERAL		
TO	NEED	DATE
AJR	AJR	8-5-68
JEC	JEC	8/12
RWT		
SUSPEND TO		
FILE		

OFFICE MEMORANDUM

TO: Forrest Orr, Executive Director, Interagency Committee

FROM: Commissioner R. W. Thieme

SUBJECT: Amendment to Project # 44-00044 - Silver Lake

DATE: August 5, 1968

We are requesting the Interagency Committee on Natural Resources to approve amending the above-captioned project as follows:

Period covered by agreement
Change from: 4/1/67 - 10/1/68
To: 4/1/67 - 7/1/69

Total estimated cost
Change from: $ 35,249.00
To: $ 44,238.00

The purpose of this amendment is because there was not sufficient time to perform the work in 1967 after the project approval, and work can not commence in 1968 until after Labor Day, as ordered by the Water Resources Board. Bids were opened on August 1, 1968, and the amount required for construction is higher than anticipated.

Attached is a revised project proposal for development.

DEPARTMENT OF THE INTERIOR
BUREAU OF OUTDOOR RECREATION

PROJECT PROPOSAL – DEVELOPMENT

LEAVE BLANK FOR BOR USE ONLY

Date Received	Priority	Project Number

Project Officer

Use this form for submission of individual projects which will develop lands and waters to facilitate their use by the public for outdoor recreation. If concurrent Acquisition is being undertaken, check here ☐

SECTION 1

1. State or Territory

2. Name and address of agency responsible for project

3. Project Title Silver Lake Project 44-00044

4. Brief description of project

See attached.

5. Duration of project from to	6. Federal assistance requested	7. Recommended priority

8. Name, Organization, and Title of individual having day-to-day responsibility for direction of project	9. Name and Address to appear on check

10. TERMS AND CONDITIONS: In submitting this Project Proposal, the State hereby accepts the Terms and Conditions set forth in the BOR Grants-in-Aid Manual, which will be a part of the Project Agreement for any grant awarded under this proposal.

11. CERTIFICATION: As the official designated to represent the State and act for the State for purposes of the Land and Water Conservation Fund Act, I recommend that assistance be made available from the Fund, when monies are available, in accordance with the recommended priority. No financial assistance has been given or promised under any other Federal program or activity with regard to the proposed project. The State or public agency to be responsible for the proposed project has the ability and intention to finance its share of the costs of this project. The Applicant will not discriminate against any person on the basis of race, color, or national origin in the use of any property or facility acquired or developed pursuant to this proposal, and shall comply with the terms and intent of Title VI of the Civil Rights Act of 1964, P. L. 88–354, (1964), and of the regulations promulgated pursuant to such Act by the Secretary of the Interior and contained in 43 CFR 17.

(Signature) (Name)

(Date) (Title)

12. For State use

SECTION II – TABULAR SUMMARY OF PROJECT ELEMENTS AND COSTS

Identify the phase or element of the Development Project suggested by the line items. Indicate additional breakdown of work elements necessary and desirable to allocate work assignments and costs.

	DATE OF BEGINNING	DATE OF COMPLETION	ESTIMATED COST
DEVELOP SITE PLANS & SPECIFICATIONS			
A. Consultant	4/1/67	10/1/67	$00.00
B. Staff	4/1/67	10/1/67	500.00
DEVELOP CONSTRUCTION PLANS AND SPECIFICATIONS			
A. Consultant	4/1/67	10/1/67	2,000.00
B. Staff	4/1/67	10/1/67	1,500.00
PREPARE SITE			
A.			
B.			
UNDERTAKE CONSTRUCTION			37,000
A. Construction	8/1/67	7/1/69	~~35,000.00~~
B. Inspection	8/1/67	7/1/69	2,000.00
OTHER			138
A. Adm. ICNR			418.00
B.			

TOTAL ESTIMATED COST	$ 42,218.00
Amount of Federal development assistance requested	~~24,169.00~~ 22,119.00
Source of remainder of funds: Vt. BOR Bond Issue (Act No 150) Appropriation 1454.012	
FOR CONCURRENT ACQUISITION AND DEVELOPMENT PROJECT SUBMISSIONS	
Total estimated acquisition value	$ 0
Total estimated development costs	$
TOTAL	$
Total amount of Federal assistance requested	$
Source of remainder of funds	

SIZE IN ACRES OF ENTIRE AREA OR PARK		SIZE IN ACRES OF AREA TO BE DEVELOPED UNDER THIS PROPOSAL	
Land	Water	Land	Water

SECTION III – ATTACHMENTS

Attach, by reference number, the following supplemental documents necessary to process this Development Project Proposal:

D–660–1 *Project Plan and Justification.* A. Description of how the proposed project is in accord with the State outdoor recreation plan and would help meet priority needs identified in the plan. B. Summary of area, its nature and relation of development to the area. Indicate how the natural beauty of area will be enchanced. C. Descriptive outline of proposed accomplishments with funds requested. Indicate contemplated other uses of the area. D. List of names of organizations which will undertake the development and how this will be performed. E. Economic feasibility data, or other types of data to indicate extent and kind of use to be made of the completed area or facility. F. Plans for operations and maintenance.

D–660–2 *Maps and Charts.* A. Simple site plans or maps showing total area, in addition to area to be developed. Annotate to show plans for, or existing streets, highways, waterlines, sewers, etc. to be located on or near the area. (Key to allow location within State, County, or city.) Indicate uses now made of the area by applicant or other agencies or individuals. B. Description of all legal rights to the area to be held by applicant and any other person or organization.

D–660–3 *Agreements.* A. Agreements or arrangements made with other organizations for participating in project, including operation and maintenance of completed facility.

The terms shown below need *not* be submitted with the project proposal. However, during the course of execution of an approved project, the applicant should be prepared to submit them to the Bureau for review, as follows:

D–660–4 *Plans.* A. Site plans, specifications and cost estimates. B. Construction plans, specifications and cost estimates. These *must* be submitted for review and approval before construction may proceed on a structure to cost in excess of $100,000.

D–660–5 *Contracts.* A. Copies of pertinent contracts, as specifically required by the Bureau of Outdoor Recreation.

DEPARTMENT OF WATER RESOURCES
MONTPELIER, VERMONT

FILE COPY

ROUTING

GENERAL		
TO	NOTED	DA.
AJR	AJR	8-5-68
JEC	JEC	8/5

RETURN TO FILE

OFFICE MEMORANDUM

TO: Forrest Orr, Executive Director, Interagency Committee

FROM: Andre J. Rouleau, Water Resources Project Engineer

SUBJECT: Silver Lake, Project No. 44-00044

DATE: August 5, 1968

Reference is made to a letter of project approval from Rolland B. Handley dated September 15, 1967. A report on the feasibility of completely removing the intrusive effect of the utility lines was requested at that time.

Since the project was initiated, the necessary rights were acquired to reconstruct the outlet structure. Consideration was given to the possibility of putting the power lines underground in the vicinity of the dam. It was determined that doing this would make very little difference in the aesthetic value of the area, since the lines are well screened by natural vegetative growth. This has been acknowledged by Mr. Handley and an on-site investigation by Raymond I. Murray, Jr., dated May 5, 1967.

We, therefore, do not propose to alter the existing arrangement.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF OUTDOOR RECREATION
128 N. BROAD STREET
PHILADELPHIA, PENNSYLVANIA 19102

IN REPLY REFER TO:
#44-00044

SEP 1 5 1967

RECEIVED
DEVELOPMENT

ROUTING

GENERAL TO	NOTED	DATE
JEC	JEC	9/28
CJB	CJB	9/28

SUSPEND TO
FILE

Mr. Elbert G. Moulton, Comm.
Development Department
State House
Montpelier, Vermont 05602

Attention: Mr. Forrest Orr

Dear Al:

Enclosed is your record copy of the recently approved Project Agreement for Vermont's development project #44-00044, Silver Lake. You may bill us for reimbursements up to $17,574.00 for project related costs incurred between 4/1/67 and 10/1/68.

Since this project involves force account work (approximately 20%), you are required to submit a construction schedule and costs breakdown in compliance with Part 675.3.4 of the Grants-in-Aid Manual. A Pre-Construction Certification and a detailed site plan must be submitted prior to the start of construction consideration of the environmental intrusion involved.

Even though it has been determined that the existing powerlines are now quite well screened by natural vegetative growth we will need to have a report upon the feasibility of completely removing the intrusive effect of the lines in the redesigning of the outlet structure as mentioned in your letter of June 26, 1967.

Sincerely yours,

Rolland B. Handley
Regional Director

Enclosure

The $7 Annual Golden Eagle Passport admits carload of people year-long to all designated Federal recreation areas

UNITED STATES DEPARTMENT OF THE INTERIOR
Bureau of Outdoor Recreation
Land and Water Conservation Fund Project Agreement

State Vermont	Project Number 44-00044
Project Title Silver Lake Development	
Period Covered by this Agreement 4/1/67 - 10/1/68	Project Period 4/1/67 - 10/1/68

Project Scope (Description of Project)

The Vermont Department of Water Resources will design and under a firm contract reconstruct an adequate earth fill and concrete impoundment structure to enable the Department to stabilize the level of, and safely control flows from, Silver Lake in the Town of Barnard in Windsor County.

Project Stage Covered by this Agreement

Entire Project

Project Cost		
Total Cost	$ 35,148.00	
Fund Support	50 %	
Fund Amount	$ 17,574.00	
Cost of this Stage	$ 35,148.00	
Assistance this Stage	$ 17,574.00	

The following attachments are hereby incorporated into this agreement:

1. General Provisions Dec., 1965
2. Project Proposal #44-00044
3. _____
4. _____

BOR 8-92
(Rev. Mar. 1967)

The United States of America, represented by the Director, Bureau of Outdoor Recreation, United States Department of the Interior, and the State named above (hereinafter referred to as the State), mutually agree to perform this agreement in accordance with the Land and Water Conservation Fund Act of 1965, 78 Stat. 897 (1964), and with the terms, promises, conditions, plans, specifications, estimates, procedures, project proposals, maps, and assurances attached hereto and hereby made a part hereof.

The United States hereby promises, in consideration of the promises made by the State herein, to obligate to the State the amount of money referred to above, and to tender to the State that portion of the obligation which is required to pay the United States' share of the costs of the above project stage, based upon the above percentage of assistance. The State hereby promises, in consideration of the promises made by the United States herein, to execute the project described above in accordance with the terms of this agreement.

The following special project terms and conditions were added to this agreement before it was signed by the parties hereto:

This agreement is not subject to the provisions of Section B.2(d) of the attached General Provisions dated December, 1965.

This project includes a negotiated fixed overhead rate of 1% applicable to direct project costs.

In witness whereof, the parties hereto have executed this agreement as of the date entered below.

THE UNITED STATES OF AMERICA

By _____
(Signature)

REGIONAL DIRECTOR
(Title)

Bureau of Outdoor Recreation
United States Department of
the Interior

Date 9/1/67

STATE

Vermont
(State)

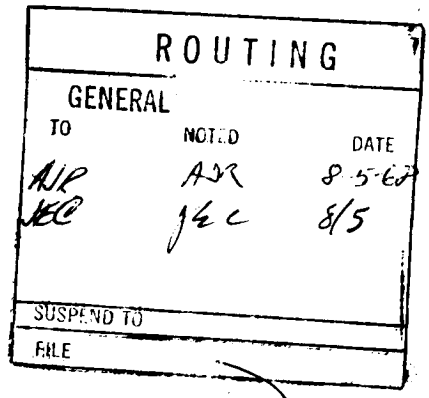
By _____
(Signature)

Elbert G. Moulton
(Name)

State Liaison Officer
(Title)

JUL 18 1967

RECEIVED
SEP 28 1967
Dept. of Water Resources



July 13, 1967

Mr. Rolland B. Handley, Regional Director
Bureau of Outdoor Recreation
128 No. Broad Street
Philadelphia, Pennsylvania 19102

Att: Mr. Raymond Murray

Re: Project #44-00044
Silver Lake Development

Dear Mr. Handley:

I am returning the original and five copies of the revised Project Agreement for Vermont's Project #44-00044, Silver Lake Development.

I have requested Mr. Bacon of the Water Resources Department to prepare the additional material you requested in your letter - namely, a site map and an estimated breakdown of costs. The construction of the dam will be by contract and not force account. As soon as Water Resources gives me the information I will send it along.

Sincerely,

Forrest D. Carr, Executive Director
Interagency Committee on
Natural Resources

FDC/sa

Enclosures: Project Agreement #44-00044 (Orig. and 5 copies)

June 26, 1967

Mr. Rolland B. Handley, Regional Director
Bureau of Outdoor Recreation
128 No. Broad Street
Philadelphia, Pennsylvania 19102

Re: Silver Lake Project

Dear Mr. Handley:

On behalf of the State Liaison Officer, I am submitting a concurrent acquisition - development project to be called the Silver Lake Project. In brief, the Department of Water Resources proposes to acquire the dam and water rights at the outlet of Silver Lake in Barnard, Vermont. Concurrent with the acquisition will be redesigning and reconstruction of the acquired outlet structure to control and improve the water level at this impoundment.

As part of the supporting documents, you will notice that the Department of Forests and Parks has a public recreation area on this lake; and the prime purpose of this project is to protect and improve the general public recreation facilities now in existence.

In the event this project meets with your approval, we ask for the obligation of $17,624.50 from our 1966 apportionment. Due to the rather short construction season in Vermont, we would appreciate any prompt action that can be undertaken on the part of your staff.

There are overhead utility lines on the present dam structure. The economic feasibility of masking or eliminating these intrusions will have to be considered in the redesigning of this structure, and the proposals will be submitted at a later date.

Very truly yours,

Forrest E. Orr, Executive Director
Interagency Committee on
Natural Resources

FEO/sa
Enclosures

RECEIVED
AUG 5 1993
Dept. of Water Resources

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF OUTDOOR RECREATION
128 N. BROAD STREET
PHILADELPHIA, PENNSYLVANIA 19102

IN REPLY REFER TO:

#44-00044
#44-00045

JUL 12 1967

file

Mr. Elbert G. Moulton, Comm.
Development Department
State House
Montpelier, Vermont 05602

Dear Al:

This will acknowledge receipt of your two development project proposals. For future reference we have assigned project numbers as follow:

Silver Lake	#44-00044 ✓
Chester Swim Pool	#44-00045

The identification numbers assigned above will be used for the life of the projects and all correspondence and related materials should refer to them by number.

Sincerely yours,

Earl C. Jacobs

Rolland B. Handley
Regional Director

ROUTING		
GENERAL		
TO	NOTED	DATE
CJB	CJB	9/21
JEC	JEC	9/21
SUSPEND TO		
FILE		

The $7 Annual Golden Eagle Passport admits carload of people year-long to all designated Federal recreation areas

RECEIVED
SEP 2 1 1967
Dept. of Water Resources

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF OUTDOOR RECREATION
128 N. BROAD STREET
PHILADELPHIA, PENNSYLVANIA 19102

RECEIVED
DEVELOPMENT

JUL 10 1967

IN REPLY REFER TO:

#44-00044

Mr. Elbert G. Moulton, Comm.
Development Department
State House
Montpelier, Vermont 05602

Attn: Mr. Forrest Orr

Dear Al:

Enclosed are the original and six copies of a revised Project Agreement for Vermont project #44-00044, Silver Lake Development. The agreement was changed with Mr. Orr's concurrence to exclude the acquisition of the dam site at Silver Lake because of the small amount of money involved. Please sign and return the original and five copies of the agreement as soon as possible.

We would like to encourage you to submit separate acquisition and development proposals for an area rather than combining them under a concurrent project. The Bureau is currently revising the project proposal forms and the concurrent project category will be eliminated.

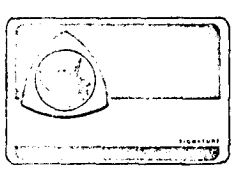
A hasty examination of the proposal reveals that we will need an adequate site map, a breakdown of costs and work units, and a statement as to whether the construction will be accomplished by force account or firm contract. We would also appreciate any photographs, if available, of the impoundment structure exposed by a drawdown to get an appreciation of the condition of the existing structure.

Please forward this information as soon as possible so that we may initiate processing of this project.

Sincerely yours,

Rolland B. Handley
Regional Director

Enclosures



The $7 Annual Golden Eagle Passport admits carload of people year-long to all designated Federal recreation areas

ROUTING

GENERAL

TO	NOTED	DATE
CJB	CJB	

SUSPEND TO

FILE

RECEIVED
JUL 13 1967
Dept. of Water Resources

C.C. W.R.

ON SITE INSPECTION REPORT

1. Type Pre-Construction Date May 5 1967 Project #44-00044

   State Vermont Project Title Silver Lake

   Project Period 4/1/67 - 10/1/68 A D C

2. Inspector Raymond I. Murray, Jr. Accompanied by Charles Bacon

   Title Project Officer Title Project Engineer

   Agency Bureau of Outdoor Recreation Agency Department of Water Resources

---

3. Prior Inspections: Date N/A Type N/A St., Reg.

   Date _____ Type _____ St., Reg.

   Date _____ Type _____ St., Reg.

---

4. Findings: The existing impoundment structure is obviously in a poor state of repair. The concrete face of the impoundment is eroded, cracked and pitted. The water being crystal clear it was possible to see to the bottom of the structure.

   The outlet from the impoundment runs underground below a stretch of road and outfalls on the far side. Mr. Bacon indicated that in time of intense runoff the water rises almost over the road, since the existent outlet is inadequate to handle peak runoffs.

   The lake is very scenic and is a quality recreation area. There is a State park (with extended and day-use facilities), privately-owned campground and private summer home development on the lake. The dam is at a

5. To Future Inspectors: (See Attached Sheet)

   An inspection should be made at project completion to insure adequate project performance.

---

6. Reviewed By:

   Signature _____ Signature Raymond I Murray Jr
   Inspector

   Title _____

7. Photographs Are [XX] or Are Not [ ] Included.

General
cc: WASO
Attn: GIA

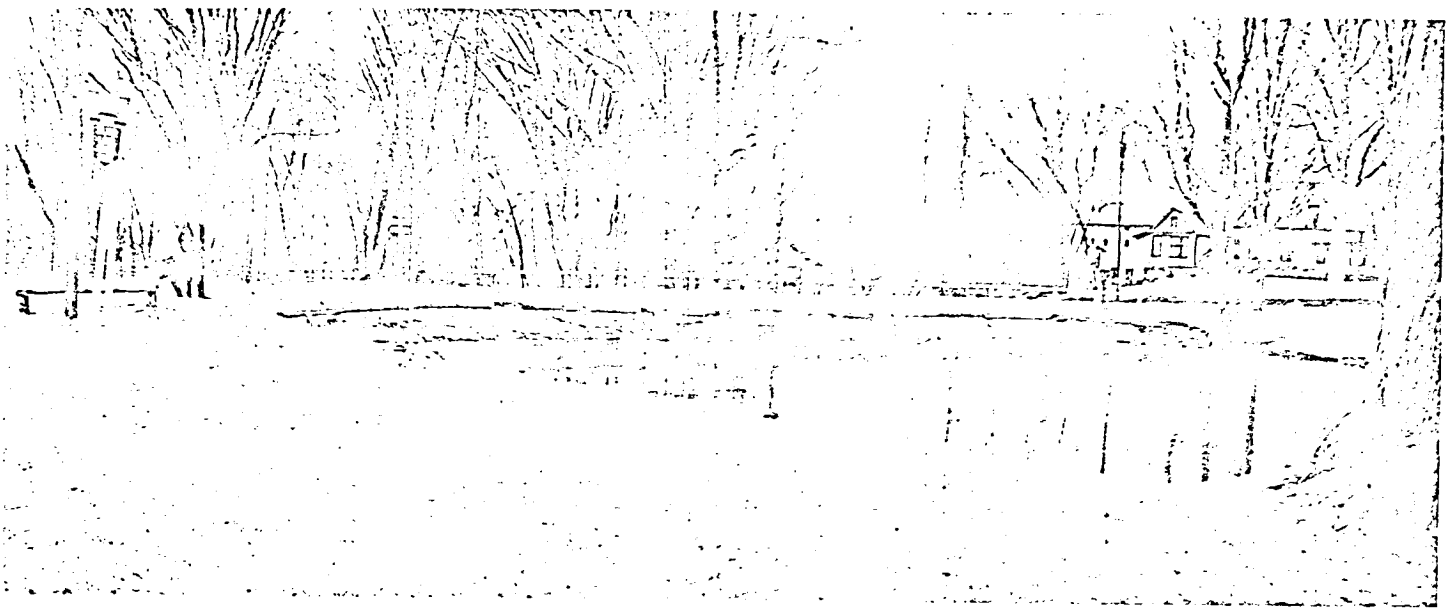
State

cross roads intersection in the Town of Barnard. There is a private home on the far side of the dam and a store just across the road. Residents apparently use the area just above the dam as evidenced by the diving float in one of the pictures.

The outfall side of the impoundment drops off sharply. There are ruins of an old mill site just below the outfall.

There is an overhead utility line parallel to the road on the outfall side of the dam. As this side of the impoundment is wooded it is possible that the line is effectively screened against the backdrop of vegetation. Despite its proximity to the road intersection, store and home the area is quite picturesque.

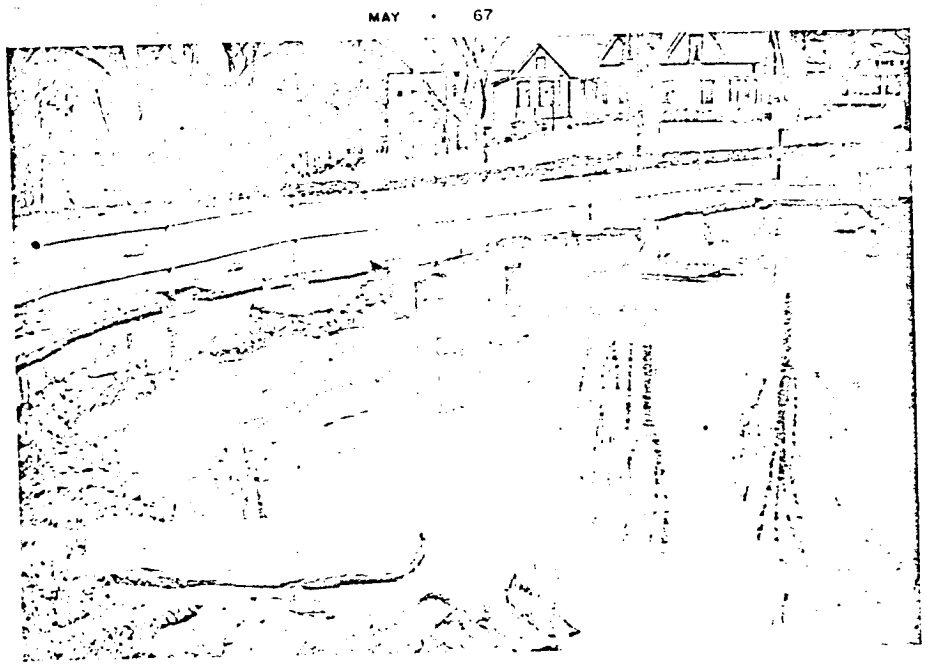
Photographs - Project #44-00044, Silver Lake



1. Existing impoundment structure. Note deterioration of the face of the impoundment. Overhead utility line can be seen against trees paralleling the road.



2. Outfall side of the impoundment to the left.



3. Closeup of the face of the existing impoundment structure.

RECEIVED
SEP 28 1967
Dept. of Water Resources

DuBOIS & KING · ENGINEERS · PLANNERS
ENGINEERING ASSOCIATES
RANDOLPH • VERMONT 05060
30 South Main Street • Area Code 802
Randolph: 728-3376 • Montpelier: 223-6316

PARTNERS
Richard E. DuBois, P.E.
Joseph S. King, P.E.
John D. Eppich, P.E.

Planning Associates
J. Cal Callahan, A.I.P.
David A. Coburn

Municipal Administration Associate
Theodore M. Nelson, M.P.A.

6741

June 1, 1970

ROUTING
GENERAL

TO	NOTED	DATE
JEC		
AJE	AJR	6-2-70
RED	[illegible]	6/2

DISPOSITION
FILE

State of Vermont
Department of Water Resources
State Office Building
Montpelier, Vermont 05602

ATTENTION: Andre Rouleau

Gentlemen:

SUBJECT: Silver Lake Dam - 2 Percent Retainage - Lowell Engineering Company

On May 28, 1970, Mr. William Kelley of the Lowell Engineering Company telephoned this office regarding the 2 percent retainage for the Silver Lake Dam.

This retainage is in the amount of $615.60 as indicated on their final estimate of May 24, 1969.

We will give the dam visual inspection within the next couple of weeks. We would appreciate any comments your Department has at this time.

Very truly yours,

DUBOIS & KING

Richard E. DuBois, P.E.

RED/sms

RECEIVED
JUN 2 1970
Dept. of Water Resources

January 3, 1969

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	AJR	1-3-69
RWT		1-6
SEC		1-6
SUSPEND TO		
FILE		

Mr. Richard E. DuBois
DuBois & King
Consulting Engineers
30 South Main Street
Randolph, Vermont 05060

Re: Agreement for Engineering Services - Silver Lake Dam, Barnard, October 2, 1967

Dear Mr. DuBois:

Reference is made to your letter of December 31, 1968, regarding the above-captioned agreement.

Article 14 of the agreement is hereby amended so that the total amount payable shall not exceed $6,500.00. This permits up to $3,000.00 for resident inspection.

Sincerely,

Commissioner

AJR/RWT/bp

DuBOIS & KING • ENGINEERS • PLANNERS

Richard E. DuBois, P.E. & Joseph S. King, P.E.

RANDOLPH • VERMONT 05060

30 South Main Street • Area Code 802

Randolph: 728-3376 • Montpelier: 223-6316

Planning Associates

J. Cal Callahan, A.I.P.

~~George B. Johnson~~

6742-C

December 31, 1968

John Specht
any additional charges
on top of contract
Please check & see
how we can collect!
E.

RWT - E. 1-2
JEC - JEC 1-3
JHR 1-3

Commissioner Reinhold Thieme
Department of Water Resources
State Office Building
Montpelier, Vermont 05602

Dear Commissioner Thieme:

SUBJECT: Agreement for Engineering Services, Silver Lake Dam, Barnard, Vermont

Under the conditions of our agreement dated October 2, 1967, for providing engineering services on the subject project, the total amount payable by the State of Vermont is not to exceed $4,800.

The breakdown of the engineering fee is as follows:

Preliminary Design and Plans	Lump Sum	$ 800.00
Final Plans And Specifications		2,000.00
Office Supervision of Construction	Lump Sum	700.00
Allowance for Periodic Resident Inspection of Construction Work		1,300.00
	Total Amount Payable under Contract	$4,800.00

The construction work was scheduled to be finished by December 1, 1968. That completion date has not been fulfilled by the contractor, thus necessitating additional on site inspection of the construction.

Previous billings for periodic inspection or resident inspection include:

November 25, 1968	$ 952.06
December 9, 1968	149.50
Total	$1,101.56

Attached hereto is a copy of a statement for engineering services rendered on resident inspection in the amount of $891.83. Adding this $891.83 to the previous total of $1,101.56, makes a total charges of $1,993.39, which is in excess of the contract allowance of $1,300.

We are of the opinion that the additional inspection charges above the budget would not have been incurred if the contractor had completed the work as originally scheduled. We believe that we are entitled to payment for the

additional resident inspection during the month of December and any future resident inspection that may become necessary so that the job is successfully completed. Therefore, we respectfully request that the total amount payable by the State under Article 14 of the agreement be amended so that the total amount payable shall not exceed $6,500. This would permit $3,000 for resident inspection or approximately $1,000 to complete the remaining inspection of the work. In making this request, we are not certain that such an amount will be needed as it may be more or less. We cannot predict just what the progress of the contractor will be in completing the work.

We ask your immediate consideration to this matter.

Should you have any questions, please telephone. Thanking you for your cooperation.

Very truly yours,

DUBOIS & KING

Richard E. DuBois, P. E.

RED/dw
Enclosure

DuBOIS & KING • ENGINEERS • PLANNERS
Richard E. DuBois, P.E. & Joseph S. King, P.E.
RANDOLPH • VERMONT 05060
30 South Main Street • Area Code 802
Randolph: 728-3376 • Montpelier: 223-6316
Planning Associates
J. Cal Callahan, A.I.P.

6742

December 31, 1968

State of Vermont
Department of Water Resources
State Office Building
Montpelier, Vermont

ATTENTION: Andre Rouleau

SUBJECT: Silver Lake Dam Water Resources Resident Inspection

Professional engineering services rendered to the subject project per our agreement dated October 2, 1967; for the period December 2, 1968, through December 28, 1968.

Employees

Charles Bacon	27 1/2 hrs.	@ $5.53	=	$152.08
James Ashley	8 hrs.	@ 4.35	=	34.80
James West	31 1/2 hrs.	@ 3.75	=	118.13
James West	9 1/2 hrs.	@ 4.00*	=	38.00
				$343.01

$343.01 x 2.6 multiplier $891.83

December out-of-pocket expenses not included on this invoice.

Total Due $891.83

* Wage increases effective December 23, 1968.

RECEIVED
Jan
Dec 1969
Dept. of Water Resources

DuBois & King
Silver Lake

July 8, 1968	Murray & Blake Construction, Inc. P. O. Box 38 Underhill, Vermont 05489	Plans and Specifications
	Pinello Engineering Bridge Cons. Co. Bethel, Vermont	Plans and Specifications
July 9, 1968	Dunlop Corporation P. O. Box 5000 Burlington, Vermont	Plans and Specifications
	Dodge Reports 66 Bernard Street Winooski, Vermont	Plans and Specifications
	Gaineys News Letter 160 State Street Boston, Massachusetts	Plans and Specifications
	Vt. Associated General Contractors 94 Main Street Montpelier, Vermont	Plans and Specifications
July 16, 1968	Miller Construction, Inc. Windsor, Vermont	Plans and Specifications
July 18, 1968	Lowell Engineering Co. 185 Princeton Boulevard Lowell, Massachusetts	Plans and Specifications
July 19, 1968	Tucker Construction Corp. P. O. Box 232 Ludlow, Vermont 05149	Plans and Specifications
	Piedmont Construction Corp. P. O. Box 31 Newington, Connecticut 06111	Plans and Specifications
July 29, 1968	C. Thygesen Construction Co. Barre, Vermont	Plans and Specifications
August 15, 1968	Lowell Engineering Co. 185 Princeton Boulevard Lowell, Massachusetts	Plans

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	AJR	8-7-68
SUSPEND TO		
FILE		

August 7, 1968

Mr. Richard DuBois
DuBois & King
Consulting Engineers
30 South Main Street
Randolph, Vermont 05060

Re: Silver Lake Dam
Project # 44-00044

Dear Mr. DuBois:

Enclosed herewith is the copy of the Proposal for reconstruction and repairs to the Silver Lake Dam and appurtenant work, by the Lowell Engineering Company of Lowell, Massachusetts.

Sincerely yours,

Andre J. Rouleau
Water Resources Project Engineer

bp

Enc.

Area Code (802) 728-3376 3377

LETTER OF TRANSMITTAL

DuBOIS & KING
Engineers & Planners
RANDOLPH, VERMONT 05060

DATE	JOB NO.
August 6, 1968	6740J

ATTENTION

RE: Silver Lake Dam
Barnard, Vermont

TO

Vermont Department of Water Resources
State Office Building
Montpelier, Vermont

GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☒ Bid Tabulations

COPIES	DATE	NO.	DESCRIPTION
2	8-6-68		Bid Tabulations

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☒ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☐ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ 19_____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____

SIGNED: Charles Bacon

Form 240-T — New England Business Service, Inc., Townsend, Mass.

If enclosures are not as noted, kindly notify us at once.

LETTER OF TRANSMITTAL

BLOCK & KING
Engineers & Planners

DATE	JOB NO.
ATTENTION	
RE:	

TO

GENTLEMEN:

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION

THESE ARE TRANSMITTED as checked below:

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☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution

☐ As requested ☐ Returned for corrections ☐ Return _____ corrected prints

☐ For review and comment ☐ _____

☐ FOR BIDS DUE _____ 19_____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____

SIGNED: _____

Form 240-T — New England Business Service, Inc., Townsend, Mass.

If enclosures are not as noted, kindly notify us at once.

LETTER OF TRANSMITTAL

[illegible] & KING
Engineers & Planners
[illegible], VERMONT

DATE	JOB NO.
[illegible], 2008	[illegible]J
ATTENTION	
RE: [illegible]	
[illegible]	

TO

[illegible] Engineering Bridge [illegible]

[illegible]

GENTLEMEN:

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of letter ☐ Change order ☐ [illegible]

COPIES	DATE	NO.	DESCRIPTION
			[illegible]

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval

☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution

☐ As requested ☐ Returned for corrections ☐ Return _____ corrected prints

☐ For review and comment ☐ _____

☐ FOR BIDS DUE _____ 19_____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____

SIGNED: _____

Form 240-T — New England Business Service, Inc., Townsend, Mass.

If enclosures are not as noted, kindly notify us at once.

RECEIVED
AUG 2 1968
Dept. of Water Resources

LETTER OF TRANSMITTAL

DUBOIS & KING
Engineers & Planners
RANDOLPH, VERMONT 05060

DATE	JOB NO.
ATTENTION	
RE:	

TO

GENTLEMEN:

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of letter ☐ Change order ☐ _____

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☐ For review and comment ☐ _____

☐ FOR BIDS DUE _____ 19_____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____

SIGNED: _____

Form 240-T — New England Business Service, Inc., Townsend, Mass.

If enclosures are not as noted, kindly notify us at once.

RECEIVED
AUG 7 1968
Dept. of Water Resources

Aug 7 1968

...STRUCTION AND REPAIRS TO SILVER LAKE CA... BARNARD WINDSOR COUNTY ...

DESCRIPTION	ESTIMAT... QUANT...	LOWELL ENGINEERING CO 1... PRINCETON BOULEVA... LOWELL MASSACHUSETTS		PINELLO ENGINEERING BRIDGE CONSTRUCTION CO INC BETHEL VERMONT		...	
		UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
					...05...		
				00	2...		
				...0	75...		
					...		

Aug 7, 1968 Rec'd

RECONSTRUCTION AND REPAIRS TO SILVER LAKE DAM BARNARD, WINDSOR COUNTY VERMONT

ITEM NO	DESCRIPTION	ESTIMATED QUANTITY	LOWELL ENGINEERING CO 185 PRINCETON BOULEVARD LOWELL MASSACHUSETTS		PINELLO ENGINEERING BRIDGE CONSTRUCTION CO INC BETHEL VERMONT		MILLER CONSTRUCTION CO WINDSOR VERMONT	
			UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	[illegible]	LUMP SUM		[illegible]		[illegible]		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DuBOIS & KING • ENGINEERS • PLANNERS
Richard E. DuBois, P.E. & Joseph S. King, P.E.
RANDOLPH • VERMONT 05060
30 South Main Street • Area Code 802
Randolph: 728-3376 • Montpelier: 223-6316

Planning Associates
J. Cal Callahan, A.I.P.
George R. Johnson

July 19, 1968

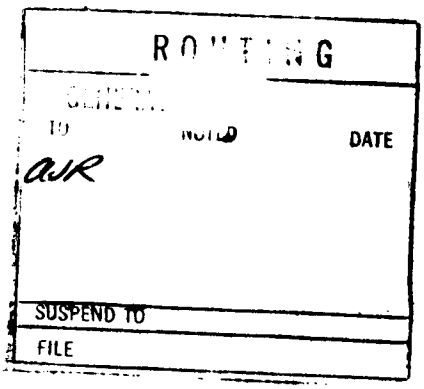
NOTICE OF FIELD INSPECTION TO CONTRACTORS

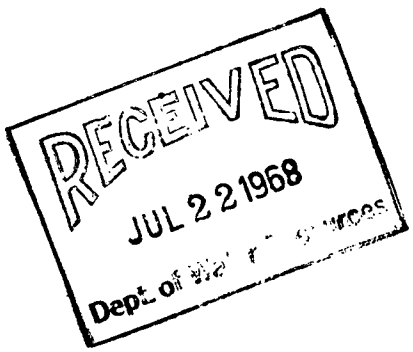
PROJECT: Reconstruction of Silver Lake Dam, Barnard, Vermont, by Department of Water Resources, State of Vermont

FIELD INSPECTION

A representative of the Vermont Department of Water Resources will be at the site of the work in Barnard on July 24, 1968, between the hours of 1:30 p.m. and 3:30 p.m. to review and discuss with any contractors wishing to inspect the proposed work at that time.

DUBOIS & KING




RECEIVED
JUL 22 1968
Dept. of

4. Lowering of the water level of Silver Lake can not commence until after Labor Day (September 2, 1968).

5. Bids will be opened on Thursday, August 1, 1968, at 2:00 P.M. in the Conference Room of the Department of Water Resources.

6. Approximate location of water lines are as follows:

   A. Near south end of dam, leading to pump house across Route 12;

   B. Near north end of dam, leading to the old Route 12 (now abandoned right-of-way). This line is presently in use.

   C. There is reported to be at least one other line through the dam, south of the 22-inch steel pipe.

Sincerely,

Andre J. Bouleau
Water Resources Project Engineer

AJR/bp

Enc.

Notice To Contractors

RECONSTRUCTION AND REPAIRS TO SILVER LAKE DAM AND APPURTENANT WORK STATE OF VERMONT DEPARTMENT OF WATER RESOUCRES

Seled Pomsals for reconstruction and repairs of the existing dam at the outlet of Silver Lake, Barnard, Windsor County, Vermont, will be received by the Department of Water Resources, State Office Building, Montpelier, Vermont, until 2:00 o'clock P.M., EDST on the 1st Day of August 1968, and at that time and place will be publicly opened and read aloud.

Work consists of Reconstructing the overflow structure, refacing the upstream face of the existing dam and miscellaneous repairs with approximately 90 cubic yards of reinforced concrete, installation of approximately 240 linear feet of 36-inch diameter corrugated galvanzied metal pipes and miscellaneous appurtenant work. All labor and materials to be furnished by Contractor. Major portion of work to be completed by December 1, 1968.

Plans, specifications and contract documents may be obtained at the office of DuBois & King, Consulting Engineers, 30 South Main Street, Randolph, Vermont, 05060, upon payment of $25.00 deposit. A $15.00 refund will be made for return of documents.

Bid security required in amount of 5 per cent of bid which is returnable under specified conditions. Successful bidder must furnish 100 per cent Performance Bond and 100 per cent Labor and Materials Bond.

Federal funds are being used to assist in reconstruction of dam under Bureau of Outdoor Recreation Project No 44-00044.

The awarding authority reserves the right to reject any and all proposals, and to accept any bid, if deemed in the best interest of the State to do so.

DEPARTMENT OF WATER RESOURCES

[redacted]

July 10, 1968

ROUTING		
GENERAL		
TO	INITIAL	DATE
AJR	ALR	7-10
JEC	[illegible]	7/15
SUSPEND TO		
FILE		

Mr. Richard E. DuBois
DuBois & King
Consulting Engineers
30 South Main Street
Randolph, Vermont 05060

Re: Silver Lake - Project No. 44-00044

Dear Mr. DuBois:

Listed below are items of information regarding the preparation of the final plans and specifications. Much of this has been given by telephone.

1. The town road at the dam has been treated. The Selectmen anticipate re-treating this portion of the road in 1969. Therefore, the item of Pavement Sub-Base and Placing Pavement (Item No. 11) can be deleted.

2. Steel beam guard rails have been selected for the protection of motorists and pedestrians following a discussion with the Board of Selectmen. This will be used in lieu of the wooden guard rails (Item No. 10).

3. The necessary easements and rights are in the following documents:

   A. Quitclaim Deed from the Town of Barnard to the State of Vermont. (Copy attached)

   B. Order Approving and Authorizing the Construction of a Dam at Silver Lake in Barnard, Vermont, dated June 7, 1968. (Copy previously delivered).

   C. Rules and Regulations - Establishment of Surface Water Levels at Silver Lake in the Town of Barnard, Vermont, dated June 7, 1968. (Copy previously delivered). The limits of access are as shown on the blueprint marked with a red line. However, the trespassing on adjacent property should be kept to a minimum.

NOTICE TO CONTRACTORS
RECONSTRUCTION AND REPAIRS
TO
SILVER LAKE DAM
AND
APPURTENANT WORK
STATE OF VERMONT
DEPARTMENT OF WATER
RESOURCES

Sealed Proposals for reconstruction and repairs to the existing dam at the outlet of Silver Lake, Barnard, Windsor County, Vermont, will be received by the Department of Water Resources, State Office Building, Montpelier, Vermont, until 2:00 o'clock P.M. EDST on the 1st Day of August, 1968, and at that time and place will be publicly opened and read aloud.

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Federal funds are being used to assist in reconstruction of dam under Bureau of Outdoor Recreation Project No. 44-00044.

The awarding authority reserves the right to reject any and all proposals, and to accept any bid, if deemed in the best interest of the State to do so.

DEPARTMENT OF WATER
RESOURCES
REINHOLD W. THIEME,
COMMISSIONER

July 9, 16

THE TIMES-ARGUS,
TUESDAY, JULY 9, 1968

Tuesday, July 9 1968

Notice To Contractors

RECONSTRUCTION AND REPAIRS TO SILVER LAKE DAM AND APPURTENANT WORK STATE OF VERMONT DEPARTMENT OF WATER RESOURCES

Sealed Proposals for reconsruction and repairs to the existing dam at the outlet of Silver Lake, Barnard, Windsor County, Vermont, will be received by the Department of Water Resources, State Office Building, Montpelier, Vermont, until 2:00 o'clock P.M., EDST on the 1st Day of August 1968, and at that time and place will be publicly opened and read aloud.

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[illegible] required in amount of 5 per cent of bid which is returnable under specified conditions. Successful bidder must furnish 100 per cent Performance Bond and 100 per cent Labor and Materials Bond.

Federal funds are being used to assist in reconstruction of dam under Bureau of Outdoor Recreation Project No. 44-00044.

The awarding authority [illegible] right to reject any and all [illegible] and to accept any bid, if [illegible] the best interest of the State to do so.

DEPARTMENT OF WATER RESOURCES
HAROLD W. THIBAULT,
Commissioner

July 9 [illegible]

DuBOIS & KING • ENGINEERS • PLANNERS

Richard E. DuBois, P.E. & Joseph S. King, P.E.

RANDOLPH • VERMONT 05060

30 South Main Street • Area Code 802

Randolph: 728-3376 • Montpelier: 223-6316

Planning Associates

J. Cal Callahan, A.I.P.

~~George B. Johnson~~

6740

July 3, 1968

Mr. Reinhold W. Thieme, Commissioner
Department of Water Resources
State Office Building
Montpelier, Vermont

Dear Mr. Thieme:

Enclosed is one copy each of the final plans and specifications for Silver Lake Dam.

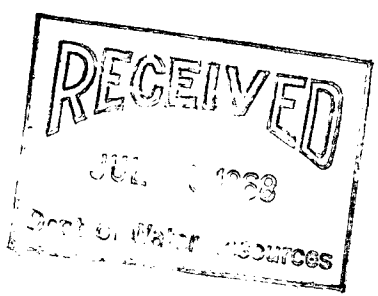
Very truly yours,

DUBOIS & KING

By:
Charles Bacon

CB/dw
Enclosure

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TO	NOTED	DATE
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HJR	AAR	7-5
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F		


RECEIVED
JUL
1968
Dept. of Water Resources

DuBOIS & KING • ENGINEERS • PLANNERS
Richard E. DuBois, P.E. & Joseph S. King, P.E.
RANDOLPH • VERMONT 05060
30 South Main Street • Area Code 802
Randolph: 728-3376 • Montpelier: 223-6316
0740J

Planning Associates
J. Cal Callahan, A.I.P.
George D. Hamilton

July 2, 1968

The Times-Argus
24 North Main Street
Barre, Vermont 05641

Subject: Reconstruction and Repairing
Silver Lake Dam, Barnard, Vermont

Gentlemen:

We are enclosing herewith two copies of Notice to Contractors for a project to be advertised in your newspaper.

Please have this advertised in your newspaper on July 9 and July 16, 1968. Please send us [illegible] proof of these advertisements to this office.

Please bill the State of Vermont, Department of Water Resources, State Office Building, Montpelier, Vermont for all advertising expenses.

Very truly yours,

DUBOIS & KING

By:
Charles Bacon

CB/an

cc: Department of Water Resources
Enc.

TO	NOTED	DATE
JEC		7-3
A.R.		7-5

SUSPEND TO FILE

ADVICE • REPORTS • ENVIRONMENTAL PLANNING • DESIGN • CONSTRUCTION SUPERVISION

DuBOIS & KING • ENGINEERS • PLANNERS
Richard E. DuBois, P.E. & Joseph S. King, P.E.
RANDOLPH • VERMONT 05060
30 South Main Street • Area Code 802
Randolph: 728-3376 • Montpelier: 223-6316

Planning Associates
J. Cal Callahan, A.I.P.
George S. Johnson

0740J

July 2, 1968

The Burlington Free Press
187 College Street
Burlington, Vermont 05401

Subject: Reconstruction and Repairs
Silver Lake Dam, Barnard, Vermont

Gentlemen:

We are enclosing herewith two copies of a Notice to Contractors for a project to be advertised for bids in your newspaper.

Please have this advertisement published in your newspaper on July 9 and July 16, 1968. Please send us one additional proof of these advertisements to this office.

Please bill the State of Vermont, Department of Water Resources, State Office Building, Montpelier, Vermont for all advertising expenses.

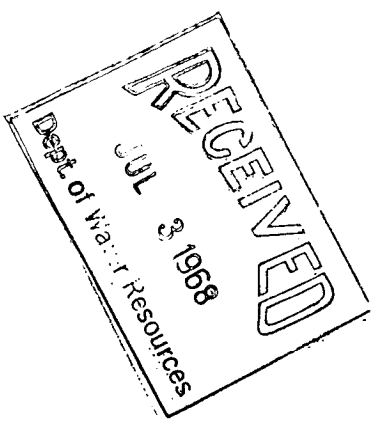
Very truly yours,

DUBOIS & KING

By:
Charles Bacon

CB/dm

cc: Department of Water Resources
Enc.


RECEIVED
JUL 3 1968
Dept of Water Resources

DuBOIS & KING • ENGINEERS • PLANNERS
Richard E. DuBois, P.E. & Joseph S. King, P.E.
RANDOLPH • VERMONT 05060
30 South Main Street • Area Code 802
Randolph: 728-3376 • Montpelier: 223-6316
Planning Associates
J. Cal Callahan, A.I.P.

8740J

July 2, 1968

The Rutland Daily Herald
20 Wales Street
Rutland, Vermont

Subject: Reconstruction and Repairs
Silver Lake Dam, Barnard, Vermont

Gentlemen:

We are enclosing herewith two copies of Notice to Contractors for a project to be advertised for bids in your newspaper.

Please have this advertisement in your newspaper for July 9 and July 16, 1968. Please send three copies of proof of these advertisements to this office.

Please bill the State of Vermont, Department of Water Resources, State Office Building, Montpelier, Vermont for all advertising expenses.

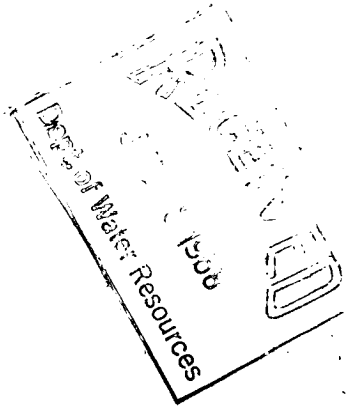
Very truly yours,

DUBOIS & KING

By:
Charles Bacon

CB/dm

cc: Department of Water Resources
Enc.


Department of Water Resources

NOTICE TO CONTRACTORS

RECONSTRUCTION AND REPAIRS

TO

SILVER LAKE DAM

AND

APPURTENANT WORK

STATE OF VERMONT

DEPARTMENT OF WATER RESOURCES

Sealed Proposals for reconstruction and repairs to the existing dam at the outlet of Silver Lake, Barnard, Windsor County, Vermont, will be received by the Department of Water Resources, State Office Building, Montpelier, Vermont, until 2:00 o'clock P.M. EDST on the 1st Day of August 1968, and at that time and place will be publicly opened and read aloud.

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Plans, specifications and contract documents may be obtained at the office of DuBois & King, Consulting Engineers, 30 South Main Street, Randolph, Vermont, 05060, upon payment of $25.00 deposit. A $15.00 refund will be made for return of documents.

Bid security required in amount of 5 percent of bid which is returnable under specified conditions. Successful bidder must furnish 100 percent Performance Bond and 100 percent Labor and Materials Bond.

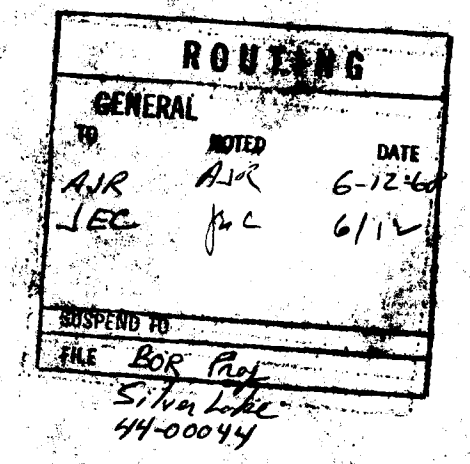
Federal funds are being used to assist in reconstruction of dam under Bureau of Outdoor Recreation Project No. 44-00044.

The awarding authority reserves the right to reject any and all proposals, and to accept any bid, if deemed in the best interest of the State to do so.

DEPARTMENT OF WATER RESOURCES

REINHOLD W. THIEME, COMMISSIONER

June 12, 1968



Mr. Richard E. DuBois
DuBois & King
Consulting Engineers
30 South Main Street
Randolph, Vermont 05060

Dear Mr. DuBois:

Enclosed herewith for your information is a copy of the following documents issued on June 7, 1968, by the Vermont Water Resources Board:

Order Approving and Authorizing the Construction of a Dam - Application of the Vermont Department of Water Resources to reconstruct a concrete and earth fill dam at the outlet of Silver Lake in the Town of Barnard.

Rules and Regulations - Establishment of Surface Water Levels at Silver Lake in the Town of Barnard.

Sincerely yours,

Andre J. Rouleau
Water Resources Project Engineer

bp

Encs.

DuBOIS & KING • ENGINEERS • PLANNERS

Richard E. DuBois, P.E. & Joseph S. King, P.E.

RANDOLPH • VERMONT 05060

30 South Main Street • Area Code 802

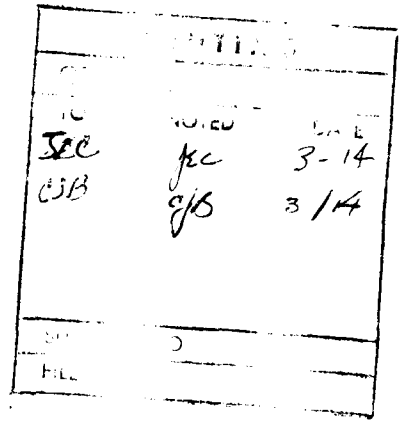
Randolph: 728-3376 • Montpelier: 223-6316

Principal Planning Associate

J. Cal Callahan, A.I.P.

J 6740

March 13, 1968



Department of Water Resources
State Office Building
Montpelier, Vermont

Attention: Mr. Charles Bacon

Subject: Silver Lake Dam - Engineer's Estimate

Gentlemen:

We are enclosing herewith two copies of our engineer's estimate on the work as it is presently proposed. Note that we have not totaled these items at this time because we are not certain what is involved relative to paving and the wooden guardrails; however, this should be indicative of the anticipated cost.

The one item we are not certain about is item No. 7, "Handling all Flows and Lowering the Lake", for which we have no real knowledge as contractors will probably bid rather erratically on this item.

We hope this information will suffice at the moment and you will be able to complete any applications with the Bureau of Outdoor Recreation.

If you have any questions, please telephone.

Very truly yours,

DUBOIS & KING

Richard E. DuBois

Richard E. DuBois, P.E.

RED/eln

Enclosures

RECEIVED
MAR 14 1968

ENGINEER'S ESTIMATE

FOR

RECONSTRUCTION AND REPAIRS TO SILVER LAKE DAM

AND APPURTENANT WORK

IN

BARNARD, VERMONT

Item No.	Estimated Quantity	Brief description; unit or lump sum price bid in both words and figures	Total in figures ø
1	lump sum	Remove existing control structure steel pipes and iron railings, the lump sum of _____ dollars and _____ cents ($ 1,000)	$ 1,000.
2	500* cu. yds.	Excavation to expose existing concrete work, per cubic yard _____ dollars and _____ cents ($ 5.00)	$ 2,500.
3	60 cu. yds.	Class A concrete including steel reinforcement, center section of dam, per cubic yard _____ dollars and _____ cents ($ 125.00)	$ 7,500.
4	30 cu. yds.	Class A concrete, 6-inch facing including steel reinforcement, per cubic yard _____ dollars and _____ cents ($ 100.00)	$ 3,000.
5	5* cu. yds.	Rock excavation, per cubic yard _____ dollars and _____ cents ($ 20.00)	$ 100.

* Indeterminate; quantity assumed for comparison of bids.
ø For informal comparison only and not to be considerad as part of this Proposal.

Item No.	Estimated Quantity	Brief description; unit or lump sum price bid in both words and figures	Total in figures ø
6	lump sum	36-inch diameter corrugated galvanized metal pipes, the lump sum of _____ dollars and _____ cents ($_____)	$ 3,600.
7	lump sum	Lowering lake and handling all flows during construction, the lump sum of _____ dollars and _____ cents ($_____)	$ 4,000.
8	lump sum	Miscellaneous metal work, the lump sum of _____ dollars and _____ cents ($_____)	$ 500.
9	lump sum	Stop planks, the lump sum of _____ dollars and _____ cents ($_____)	$ 300.
10	lump sum	Wooden guardrails,the lump sum of _____ dollars and _____ cents ($_____)	$ 1,000.
11	* sq. yds.	Pavement sub-base and placing pavement, per square yard _____ dollars and _____ cents ($ 3.00)	$ 1,500.
12	100* sq. yds.	Rip rap, per square yard _____ dollars and _____ cents ($ 10.00)	$ 1,000.
13	100* sq. yds.	Loaming and seeding, per square yard _____ dollars and _____ cents ($ 1.00)	$ 100.

* Indeterminate; quantity assumed for comparison of bids.
ø For informal comparison only, and not to be considered as part of this Proposal.

Item No.	Estimated Quantity	Brief description; unit or lump sum price bid in both words and figures	Total in figures ø
14	20* cu. yds.	Miscellaneous earth excavation, per cubic yard _____ dollars and _____ cents ($ 5.00)	$ 100
15	10* cu. yds.	Bank run gravel, per cubic yard _____ dollars and _____ cents ($ 5.00)	$ 50.
16	10* cu. yds.	Screened gravel, per cubic yard _____ dollars and _____ cents ($ 6.00)	$ 60.
17	20* cu. yds.	Select gravel, per cubic yard _____ dollars and _____ cents ($ 6.00)	$ 120.
18	lump sum	Cleaning up and all miscellaneous work not paid under Items No. 1-17 inclusive, the lump sum of _____ dollars and _____ cents ($ _____)	$ 1,000.

* Indeterminate; quantity assumed for comparison of bids.
ø For informal comparison only, and not to be considered as part of this Proposal.

TOTAL	$ 27,430.
Say	$ 28,000.

DuBOIS & KING • ENGINEERS • PLANNERS

Richard E. DuBois, P.E. & Joseph S. King, P.E.

RANDOLPH • VERMONT 05060

30 South Main Street • Area Code 802

Randolph: 728-3376 • Montpelier: 223-6316

Principal Planning Associate

J. Cal Callahan, A.I.P.

J 6740

March 7, 1968

TO	NOTED	DATE
	cyD	3/7
	JEC Jec	3/7
SUBJECT		
FILE		

Mr. Charles Bacon
Water Resources Department
State Office Building
Montpelier, Vermont

Subject: Silver Lake Dam

Dear Mr. Bacon:

We are hand delivering herewith one set of plans and specifications on the Silver Lake Dam.

Please note that details of the wooden guardrails, pavement replacement, easements, and limits of work are not indicated on the drawings.

Also, in the specifications we have omitted the Notice to Contractors, references to contract drawings, bid opening dates on Page 1-2 of Information for Bidders, and minor items in the fine print.

After certain of the above items have been resolved and the information is available it will take us only a short time to have the project ready for bidding.

We are submitting these plans and specifications at this time for your review, comments and approval.

If you have any questions, please telephone.

Very truly yours,

DUBOIS & KING

Richard E. DuBois, P.E.

RED/eln
Enclosure
HAND DELIVERED

RECEIVED
MAR 7 1958
Dept. of Water Resources

DuBOIS & KING • ENGINEERS • PLANNERS

Richard E. DuBois, P.E. & Joseph S. King, P.E.

RANDOLPH • VERMONT 05060

30 South Main Street • Area Code 802

Randolph: 728-3376 • Montpelier: 223-6316

Principal Planning Associate
J. Cal Callahan, A.I.P.

J 6740

February 29, 1968

Mr. Charles Bacon
Department of Water Resources
State Office Building
Montpelier, Vermont

Subject: Silver Lake Dam

Dear Mr. Bacon:

Pursuant to your telephoned request this morning we are forwarding herewith one set of drawings on the proposed project and two extra sheets of the proposed site plans.

Very truly yours,

DUBOIS & KING

Richard E. DuBois, P.E.

RED/eln

Enclosure

ROUTING

GENERAL

TO	NOTED	DATE
CJB	CJC	3/1

SUSPEND TO

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RECEIVED
MAY 1 1968
Dept. of Water Resources

DEPARTMENT OF WATER RESOURCES
MONTPELIER, VERMONT

ROUTING

GENERAL TO	NOTED	DATE
	C/B	1/31
		2-1

SUSPEND TO

FILE

OFFICE MEMORANDUM

DATE
January 31, 1968

TO: For the Record

FROM: C. J. Bacon

SUBJECT: Silver Lake Preliminary Design Conference

On January 29, 1968, a conference was held to discuss the preliminary design of Silver Lake Dam with Mr. Richard DuBois of DuBois & King, Consulting Engineers. In attendance were Mr. DuBois, Mr. J. Cerutti, Mr. R. W. Thieme, and this writer.

The following decisions were made and are to be incorporated in the final design:

1. Considering the budget and the purpose of the project, it was decided to design the center section of the structure, the riser and conduits, with the recommended 12-inch thickness of new concrete. The main purpose of the project is to increase discharge capacity and this is where the bulk of the money should go.

2. The remaining concrete work is basically for aesthetics and will be designed for minimum cost to protect the present structure from further deterioration.

3. The type of railing to be used will be determined by this department after consultation with the selectmen.

4. The paving of the town road will be discussed with the town to advise them of our tentative construction schedule and insure that no unnecessary money is spent on this item.

5. The final design is to incorporate stop planks at the inlets of overflow conduits.

6. The riser will have stop planks from the present lake bottom elevation to the normal water level. A concrete wall will extend from the bottom of the stop planks to the bottom of the riser.

7. A two piece open grating will cover the riser. This design is to increase capacity of riser, and facilitate removal of the stop planks.

8. A device will be designed to lock stop planks in place to eliminate tampering.

9. The limits of access to the work will be determined by this department as soon as abutting property owners can be contacted.

10. It was decided that no particular water level must be maintained during construction. During the discussion of water levels, Mr. Thieme contacted Mr. Williams, Commissioner of Forests and Parks to inquire as to whether or not a drawdown of Silver Lake commencing immediately after Labor Day would be detrimental to the operation of the State park facilities located there. Mr. Williams indicated that this procedure would not detrimentally effect their operation as the park would normally be closing at about that time.

11. This department will set up public hearing to be held in March.

NOTE:

PAGE 2

P 6.

SHOULD BE

4 - 36" PIPES

NOT 5 - 36" PIPES.

CALLED R. DuBOIS ON 1/31/68 + CONFIRMED THAT DESIGN IS BEING CARRIED OUT UTILIZING 4 PIPES.

CJB

DuBOIS & KING • ENGINEERS • PLANNERS
Richard E. DuBois, P.E. & Joseph S. King, P.E.
RANDOLPH • VERMONT 05060
30 South Main Street • Area Code 802
Randolph: 728-3376 • Montpelier: 223-6316

Principal Planning Associate
J. Cal Callahan, A.I.P.

6739 J

January 30, 1968

ROUTING

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TO	NOTED DATE
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	CJB 1/31
RWT	
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Reinhold W. Thieme, P. E.
Commissioner of Water Resources
State Office Building
Montpelier, Vermont

Attention: Mr. Charles Bacon
Mr. John Cerruti

Subject: Silver Lake Dam - Barnard, Vermont

Gentlemen:

This letter will confirm our discussion yesterday in Mr. John Cerruti's office relative to the design concepts on the subject project.

It is our understanding from the conference that:

1. The primary purpose of the project is to provide more hydraulic capacity in the outlet structure, and emphasis should be placed on sound principals of design and construction of the central section of the dam. The remaining face of the dam, consisting of walls on each side of the central section, should be designed and constructed to minimum standards at this time fully recognizing that if repairs become necessary at some future date that it would be less expensive to repair the end sections than the central section.

2. Efforts should be made in the design and supervision of construction to keep the project within the budget, which is $28,000 for construction.

3. The special conditions of the specifications should include the section requesting excavation along the central section of the dam during early construction stages with the right of the engineer and the Water Resources Department to alter the footing elevations and design to satisfy the foundation conditions, so that the central section of the dam is properly constructed.

4. The new outlet or drainage structure will have stop-logs down to the elevation of the existing lake bottom, the lower part of the structure being made of concrete. Stop-logs shall be provided in a double set for this structure.

5. The top of the outlet or drainage structure shall be covered with grating in two pieces, shall be removable, and shall contain a lock-in-place device prohibiting the grating and stop-logs from being removed or changed by unauthorized persons.

6. A removable type trash rack shall be provided in front of the outlet or drainage structure. A series of stop-logs shall be provided in front of the battery of five 36-inch pipes. This will be a single set.
FOUR

7. Mr. Bacon is going to discuss the matter of railing style (along the top of the dam) with the local people and advise us as to the desires and needs of the project.

8. The limits of work or property lines upon which the Contractor may or may not encroach are to be established by the Water Resources Department and given to us for incorporation into the plans and specifications.

9. We will provide some progress prints indicating detailed developments during the design.

10. We understand that it will not be necessary to maintain any definite water level in Silver Lake during construction. We will incorporate this into the specifications

to advise the contractors.

11. Your Department will prepare a schedule of events such as the date of the hearing, date of advertisement for bids, date of receiving bids, etc., etc.

We believe the above covers the conference highlights. We are proceeding on final plans and specifications based on our acceptable preliminary submission and the above items. If you have any questions, please telephone.

Very truly yours,

DUBOIS & KING

Richard E. DuBois, P.E.

RED/eln

RECEIVED
JAN 3 1 1968
Dept. of Water Resources

KNIGHT CONSULTING ENGINEERS INC.
Soils and Structural Engineering
RFD 2 South Burlington, Vermont 05401

Telephone 802/863-6868

STEPHEN C. KNIGHT, JR., P. E.
ROGER W. DORWART, P. E.
ELROY L. LANGDELL, P. E.
JOHN T. BOOTH, P. E.
ROBERT K. DOTEN, PH. D.

January 26, 1968

Dubois & King
Consulting Engineers
Randolph, Vermont 05060

ATTENTION: Mr. Richard W. Dubois, P.E.

Re: Silver Lake Dam Repairs

Gentlemen:

With regard to the proposed concrete facing for Silver Lake Dam, it is recommended that the new work be designed with a nominal 12 inch minimum thickness containing two lines of reinforcing. The reasons for making this recommendation are as follows:

1. It is anticipated that there will be reversal of horizontal loads on the new concrete section due to seasonal influences. Ice will form on the water surface and frost action will tend to apply loads during the winter. Different temperature stresses will develope during the summer. Stress reversals make two layers of reinforcing steel necessary to avoid excessive cracking.

2. American Concrete Institute publication 318-63 states that reinforced concrete bearing walls shall have a thickness of at least 1/25 of the unsupported height or width. An 8" thick wall would be acceptable only up to 17 ft. depth by this empirical rule.

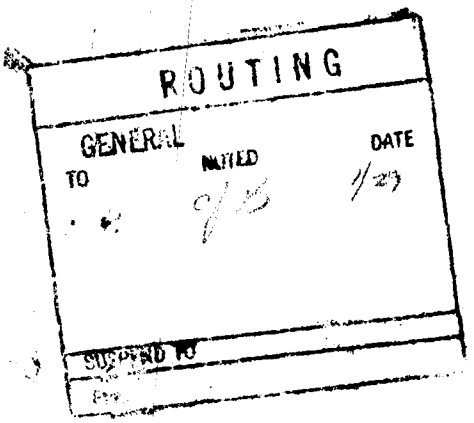
3. It has been the experience of the undersigned that extreme difficulty is encountered in placing high quality concrete walls 20 ft. high with less than 12 inch thickness.

Very truly yours,

Stephen C. Knight Jr., P.E.

SCK:k





DuBOIS & KING • ENGINEERS • PLANNERS

Richard E. DuBois, P.E. & Joseph S. King, P.E.

RANDOLPH • VERMONT 05060

30 South Main Street • Area Code 802

Randolph: 728-3376 • Montpelier: 223-6316

Principal Planning Associate
J. Cal Callahan, A.I.P.

6739 J

January 19, 1968

ROUTING		
GENERAL		
TO	NOTED	DATE
[illegible]	CJB	1/23
SUSPEND TO		
FILE		

Reinhold W. Thieme, P.E.
Commissioner of Water Resources
State Office Building
Montpelier, Vermont

Attention: Mr. Charles Bacon

Subject: Preliminary Drawings and Specifications -
Silver Lake Dam - BOR Project No. 44-00044

Gentlemen:

We are hand delivering herewith preliminary drawings and specifications on the subject project.

At this time we wish to make the following comments:

1. It will be impossible to establish the height of the existing concrete wall or facing of the existing dam until construction is underway.
2. The exact height of the refacing or new concrete wall must be determined during construction depending upon the foundation conditions encountered as the material is excavated away from the existing wall.
3. We recommend a minimum of 12 inches thickness on the new proposed concrete facing with a double line of steel reinforcement.
4. Please advise us as to whether any particular level in the lake must be maintained during construction.

5. Final drawings should indicate the limits of access to the work so that the bidders will know what restrictions exist, if any. The final cost estimates based on the final design will have two very uncertain items, i.e.:

    a. Handling flows during construction.
    b. Concrete quality.

The bids for handling flows contain an element of risk which the contractor must bear. It is difficult to accurately estimate what the bid will be for such an item, particularly on a small job such as this project.

Since the depth of the footings or concrete facings cannot really be established until the materials are excavated, a decision must be made in the field at the time of construction as to the exact height of this facing wall. We believe that the bid item for concrete should be set up on a cubic yard basis, and the contractor should be required to expose or excavate the face of the entire existing wall prior to setting footing elevation, wall height, etc. for the new work.

We have investigated other alternates for design of this work, some sketches of which are enclosed. We see no particular advantage at this time from a technical or cost standpoint in using these alternates. They are submitted for your information only.

We have reviewed the preliminary calculations prepared by your Department on the routing of high water through the dam. We believe that the accuracy of any calculation for flood routing would be no better than the basic data itself, i.e., hydrograph shape, volume of storage at different levels, and other technical assumptions. We therefore believe that the structure as proposed will be a great improvement over the existing structure but there is no guarantee that the hydraulic capacity of the outlet works will not be exceeded at some future time whereby water may go over the top of the dam. If this should occur, based on the information that we have available at this time, it would seem that very little damage would occur to the dam itself or adjoining property if water did pass over the top of the dam. However, this is a matter of opinion and not based on detailed analysis.

RECEIVED
JAN 13 1986
Dept. Water Resources

We are also enclosing at this time a preliminary cost estimate based upon our preliminary design and our knowledge of conditions as they presently exist.

We shall be pleased to discuss further details, changes, modifications, etc. as necessary so that we may proceed with final drawings. If at all possible, we would appreciate your comments at the earliest convenience so that we may firm up all of the detailed drawings so that the March 1, 1968 submission will be as final as possible.

Thanking you for your cooperation -

Very truly yours,

DUBOIS & KING

Richard E. DuBois, P. E.

RED/eln

Enclosures

HAND DELIVERED

RECEIVED
JAN 13 1936
Dept.

DuBOIS & KING • ENGINEERS • PLANNERS
Richard E. DuBois, P.E. & Joseph S. King, P.E.
RANDOLPH • VERMONT 05060
30 South Main Street • Area Code 802
Randolph: 728-3376 • Montpelier: 223-6316

6739 J

November 13, 1967

ROUTING
GENERAL

TO	NOTED	DATE
[illegible]	[illegible]	11/14
[illegible]	[illegible]	11/14

[illegible] END TO
[illegible]

Department of Water Resources
State Office Building
Montpelier, Vermont

Attention: Mr. Charles Bacon

Subject: Silver Lake Dam - Prelimininary Design

Gentlemen:

We are returning to you herewith preliminary design data and information left with our office. Thank you very much for the use of this material.

Very truly yours,
DUBOIS & KING

Richard E. DuBois, P.E.

RED/eln

Enclosures (13)

RECEIVED
NOV 3 1987
Public Water Resources

AMENDMENT
TO
AGREEMENT FOR ENGINEERING SERVICES
FOR
SILVER LAKE DAM

The following changes, corrections and additional information are hereby made a part of the contract between DuBois and King, Consulting Engineers, of Randolph, Vermont, and the State of Vermont, through its Department of Water Resources, for engineering services relative to the reconstruction of the outlet works and repair of the existing dam structure for Silver Lake in the Town of Barnard, and dated the 2nd day of October, A. D., 1967:

1. Item 5, Delete: Paragraphs A and B
Add:

A. For services in connection with preliminary design and topographic surveys and upon submission of preliminary plans acceptable to the Department of Water Resources, the lump sum of $800.

B. For services in connection with conferences, evaluation, remaining topographic surveys and final plans and specifications, as indicated in Articles 1.A through 1.D above, and upon submission of final plans and specifications acceptable to the Department of Water Resources, the lump sum of $2,000. If, subsequent to the Department of Water Resources' approval of the preliminary plans, the State wishes to make basic changes in the design or concept of the project, the consultant shall, upon request by the Department of Water Resources, incorporate these changes in the final plans and specifications. The State shall pay the consultant for additional work caused by these changes in an amount and by a method agreed upon at the time of the request.

2. Item 8, Delete: "Invoices shall be submitted monthly by the State by the consultant."

Add: Invoices for lump sum items shall be submitted to the State by the consultant upon completion and approval of said item. Invoices for periodic inspection shall be submitted monthly to the State by the consultant.

Dated at Montpelier, in the County of Washington and the State of Vermont, this 2nd day of October, A. D., 1967.

IN THE PRESENCE OF:

Dorothy Niebling

Blaine S. Hayden

Donald H. Webster

C J Bacon

DUBOIS & KING, CONSULTING ENGINEERS

By Richard E. DuBois
Partner

STATE OF VERMONT

By Its Department of [illegible]

By [illegible]
Commissioner of Water Resources

SEP 2 0 1967

AGREEMENT FOR ENGINEERING SERVICES

Richard E. DuBois and Joseph S. King, d.b.a. "DuBois & King, Consulting Engineers", of Randolph, in the County of Orange and State of Vermont, called "Consultant" below, and the State of Vermont, a sovereign state, through its Department of Water Resources, agree as follows:

1. Relative to reconstruction of the outlet works and repair of the existing dam structure for Silver Lake in the Town of Barnard.
   A. Conference with the Department of Water Resources as necessary during the course of the design of the project.
   B. An evaluation of the proposed work as outlined in the Department of Water Resources' preliminary investigations together with the Consultant's comments and recommendations regarding such preliminary work.
   C. Topographic surveys at the site of the work.
   D. Preparation of final plans and specifications including contract documents for public bidding purposes.
2. The State agrees to provide administrative and secretarial services as necessary on the project to prepare all applications and other paper work necessary within the State's agencies and with the Federal Government for planning funds or construction funds.
3. Consultant shall provide office construction services or general supervision of construction of the project during construction.
4. Consultant shall provide periodic inspection of the construction work at the site of the project as requested by the State.

5. The State shall pay Consultant for its services as follows:

A. For services in connection with preliminary design and topographic surveys and upon submission of preliminary plans, the lump sum of $800.

B. For services in connection with conferences, evaluation, remaining topographic surveys and final plans and specifications, as indicated in Articles 1. A through 1. D above, the fee shall be the lump sum of $2,000.

C. For office supervision of construction indicated in Article 3 above, the fee shall be the lump sum of $700.

D. For periodic inspection of construction work as indicated in Article 4 above, the fee shall be 2.6 times salaries paid to Consultant personnel plus all expenses.

6. Consultant shall begin his work on date of execution of this Agreement and shall complete preliminary plans and specifications by January 15, 1968, and final plans and specifications by March 1,1968.

7. Tracings, plans, specifications and maps prepared or obtained under this Agreement shall be delivered to and become the property of the State; and all basic survey notes and sketches, charts, computations and other data prepared or obtained under this Agreement shall, upon request, be made available to the State at the office of DuBois & King without restriction or limitation on their future use by the State for any purpose.

8. The State shall pay the Consultant within a reasonable time after receipt of an invoice therefor. Invoices shall be submitted monthly to the State by the Consultant. Payment shall not be contingent on either the Consultant's estimates, or the approval thereof, by any

Federal reviewing officer.

9. The Consultant agrees to comply with all Federal, State and local laws and ordinances applicable to its work.

10. The Consultant agrees to save the State harmless from all claims and liability due to the acts or failure to act of itself, its agents or employees connected with its work under this contract.

11. The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person other than a bona fide employee working solely for the Consultant any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, the State shall have the right to annul this Agreement without liability.

12. Consultant shall not sublet, assign or transfer performance of all or any part of the work to any other person, firm or corporation without previous written consent by the State.

13. Consultant shall maintain detailed accounting records and other evidence as to the costs incurred under this Agreement sufficient to completely support all claims for payment for services and reinbursement of expenses. It shall make these records and supporting evidence available to representatives of the State and the United States Department of Interior, Bureau of Outdoor Recreation at all reasonable times during the contract and for three years after final payment of Federal funds to the State therefor, as shown by notice thereof from the State.

14. The total amount payable by the State under this Contract shall not exceed $4,800.

Dated at Montpelier, in the County of Washington and State of Vermont this 2nd day of October, A.D., 1967.

IN THE PRESENCE OF:

Elaine L. Nadeau

Dorothy Nicklaus

Donald W. Nicholas

J. Bacon

DUBOIS & KING, CONSULTING ENGINEERS

By Richard E. DuBois

Partner

STATE OF VERMONT

By Its Department of Water Resources

By

Commissioner of Water Resources

APPROVED AS TO LEGAL FORM

Asst. Atty. Gen.

Date Sept 25/67

AMENDMENT
TO
AGREEMENT FOR ENGINEERING SERVICES
FOR
SILVER LAKE DAM

The following changes, corrections and additional information are hereby made a part of the contract between DuBois and King, Consulting Engineers, of Randolph, Vermont, and the State of Vermont, through its Department of Water Resources, for engineering services relative to the reconstruction of the outlet works and repair of the existing dam structure for Silver Lake in the Town of Barnard, and dated the 2nd day of October, A. D., 1967:

1. Item 5, Delete: Paragraphs A and B
Add:

A. For services in connection with preliminary [illegible] and topographic surveys and upon submission of preliminary plans acceptable to the Department of Water Resources, the lump sum of $800.

B. For services in connection with conferences, evaluation, remaining topographic surveys and final plans and specifications, as indicated in Articles 1.A through 1.D above, and upon submission of final plans and specifications acceptable to the Department of Water Resources, the lump sum of $2,000. If, subsequent to the Department of Water Resources' approval of the preliminary plans, the State wishes to make basic changes in the design or concept of the project, the consultant shall, upon request by the Department of Water Resources, incorporate these changes in the final plans and specifications. The State shall pay the consultant for additional work caused by these changes in an amount and by a method agreed upon at the time of the request.

RECEIVED
SEP 29 1967
Dept. of Water Resources

DuBOIS & KING · ENGINEERS · PLANNERS
Richard E. DuBois, P.E. & Joseph S. King, P.E.
RANDOLPH • VERMONT 05060
30 South Main Street · Area Code 802
Randolph: 728-3376 · Montpelier: 223-6316

6739-G

September 28, 1967

Mr. J. C. Bacon, Project Engineer
Department of Water Resources
State of Vermont
State Office Building
Montpelier, Vermont

Dear Mr. Bacon:

We are enclosing five (5) copies of Amendment to Agreement for Engineering Services for Silver Lake Dam properly signed and witnessed.

We will no doubt receive from your Department a fully executed copy of the above Amendment for our permanent files.

Very truly yours,
DUBOIS & KING

Richard E. DuBois

Richard E. DuBois, P.E.

RED:dn
enclosures (5)

ROUTING		
GENERAL		
TO	NOTED	DATE
C.J.B. JEC.	CJB	9/28
SUSPEND TO		
FILE		

RECEIVED
SEP 29 1967
Dept. of Water Resources

September 27, 1967

DuBois & King
Consulting Engineers
30 South Main Street
Randolph, Vermont 05060

Attention: R. E. DuBois

Gentlemen:

As per our telephone conversation of September 25, 1967, I have enclosed five (5) copies of a proposed amendment to the Engineering Agreement for the Silver Lake Project.

Commissioner Thieme has reviewed this amendment and has indicated that the contract will be satisfactory with these additions.

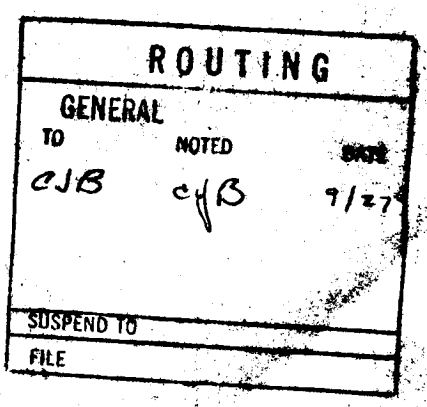
If you have no objections to the additions, please sign and return to this office.

Very truly yours,

C. J. Bacon
Water Resources Project Engineer

CJB/bp

Enc.



ROUTING
GENERAL
TO
NOTED
DATE
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DATE

AGREEMENT FOR ENGINEERING SERVICES

Richard E. DuBois and Joseph S. King, d.b.a. "DuBois & King, Consulting Engineers", of Randolph, in the County of Orange and State of Vermont, called "Consultant" below, and the State of Vermont, a sovereign state, through its Department of Water Resources, agree as follows:

1. Relative to reconstruction of the outlet works and repair of the existing dam structure for Silver Lake in the Town of Barnard.
   A. Conference with the Department of Water Resources as necessary during the course of the design of the project.
   B. An evaluation of the proposed work as outlined in the Department of Water Resources' preliminary investigations together with the Consultant's comments and recommendations regarding such preliminary work.
   C. Topographic surveys at the site of the work.
   D. Preparation of final plans and specifications including contract documents for public bidding purposes.
2. The State agrees to provide administrative and secretarial services as necessary on the project to prepare all applications and other paper work necessary within the State's agencies and with the Federal Government for planning funds or construction funds.
3. Consultant shall provide office construction services or general supervision of construction of the project during construction.
4. Consultant shall provide periodic inspection of the construction work at the site of the project as requested by the State.

5. The State shall pay Consultant for its services as follows:

A. For services in connection with preliminary design and topographic surveys and upon submission of preliminary plans, the lump sum of $800.

B. For services in connection with conferences, evaluation, remaining topographic surveys and final plans and specifications, as indicated in Articles 1. A through 1. D above, the fee shall be the lump sum of $2,000.

C. For office supervision of construction indicated in Article 3 above, the fee shall be the lump sum of $700.

D. For periodic inspection of construction work as indicated in Article 4 above, the fee shall be 2.6 times salaries paid to Consultant personnel plus all expenses.

6. Consultant shall begin his work on date of execution of this Agreement and shall complete preliminary plans and specifications by January 15, 1968, and final plans and specifications by March 1,1968.

7. Tracings, plans, specifications and maps prepared or obtained under this Agreement shall be delivered to and become the property of the State; and all basic survey notes and sketches, charts, computations and other data prepared or obtained under this Agreement shall, upon request, be made available to the State at the office of DuBois & King without restriction or limitation on their future use by the State for any purpose.

8. The State shall pay the Consultant within a reasonable time after receipt of an invoice therefor. Invoices shall be submitted monthly to the State by the Consultant. Payment shall not be contingent on either the Consultant's estimates, or the approval thereof, by any

Federal reviewing officer.

9. The Consultant agrees to comply with all Federal, State and local laws and ordinances applicable to its work.

10. The Consultant agrees to save the State harmless from all claims and liability due to the acts or failure to act of itself, its agents or employees connected with its work under this contract.

11. The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person other than a bona fide employee working solely for the Consultant any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, the State shall have the right to annul this Agreement without liability.

12. Consultant shall not sublet, assign or transfer performance of all or any part of the work to any other person, firm or corporation without previous written consent by the State.

13. Consultant shall maintain detailed accounting records and other evidence as to the costs incurred under this Agreement sufficient to completely support all claims for payment for services and reinbursement of expenses. It shall make these records and supporting evidence available to representatives of the State and the United States Department of Interior, Bureau of Outdoor Recreation at all reasonable times during the contract and for three years after final payment of Federal funds to the State therefor, as shown by notice thereof from the State.

14. The total amount payable by the State under this Contract shall not exceed $4,800.

Dated at Montpelier, in the County of Washington and State of Vermont this 2nd day of October, A.D., 1967.

IN THE PRESENCE OF:

DUBOIS & KING, CONSULTING ENGINEERS

By _____
Partner

STATE OF VERMONT

By Its Department of Water Resources

By _____
Commissioner of Water Resources

APPROVED AS TO LEGAL FORM

_____
Asst Attorney General

Date Sept 25/67

DuBOIS & KING · ENGINEERS · PLANNERS
Richard E. DuBois, P.E. & Joseph S. King, P.E.
RANDOLPH • VERMONT 05060
30 South Main Street · Area Code 802
Randolph: 728-3376 · Montpelier: 223-6316

6739-C

September 22, 1967

Department of Water Resources
State of Vermont
State Office Building
Montpelier, Vermont

Subject: Proposed Agreement for Engineering Services
Silver Lake

Attention Mr. Charles Bacon, Engineer

Gentlemen:

We are enclosing herewith five (5) copies of a proposed Engineering Agreement for the Silver Lake project.

If these appear to be in order, please obtain the proper signatures, approvals, etc. and return one executed copy to our office.

Thanking you in advance.

Very truly yours,
DUBOIS & KING

Richard E. DuBois, P.E.

RED:dn
enclosures (5)

ROUTING
GENERAL
TO NOTED DATE
CJB 9/25
JEC
SUSPEND TO
FILE

Reference is made to a Plan of Property entitled, "Property to be Acquired by the State of Vermont Department of Water Resources, Town of Barnard, Vermont", as surveyed on February 28, 1968, attached to and made a part of this deed, for more particular description.

Reference is hereby made to the above-mentioned deed and its records and to all prior deeds and their records for a more particular description of the land and premises herein conveyed.

TO HAVE AND TO HOLD all the Grantor's right, title and interest in and to said premises and appurtenances thereof to the State of Vermont, its successors or assigns forever.

AND, FURTHERMORE, the said Grantors, Harry W. Hull and Naoma A. Hull, and Ralph L. Lessard and Joan H. Lessard, do for themselves, their heirs and assigns, covenant with the said State of Vermont, its successors or assigns, that from and after the ensealing of these presents, that Harry W. Hull and Naoma A. Hull, and Ralph L. Lessard and Joan H. Lessard, will have and claim no right in and to said quitclaimed premises.

In Witness Whereof, the said Harry W. Hull and Naoma A. Hull, and Ralph L. Lessard and Joan A. Lessard, have hereunto set their hand and seal this 19 day of July A. D. 1968.

IN PRESENCE OF:

Harry Hull (seal)

Hazel R Davis — Naoma A Hull (seal)

Lucy G Powell — Ralph L Lessard (seal)

Joan H Lessard (seal)

STATE OF VERMONT)
)
Windsor County, ss.)

At Barnard in said County this 19 day of July A. D. 1968 Harry W. Hull and Naoma A. Hull, and Ralph L. Lessard and Joan H. Lessard, personally appeared and they sealed and subscribed to be their free act and deed.

Before me, Hazel R Davis
Notary Public

VERMONT PROPERTY TRANSFER TAX
ACKNOWLEDGEMENT
RETURN NO. 7967
SIGNED Hazel R Davis
DATE July 19, 1968

Approved as to form

Asst. Attorney General

Reference is made to a Plan of Property entitled, "Property to be Acquired by the State of Vermont Department of Water Resources, Town of Barnard, Vermont", as surveyed on February 28, 1968, attached to and made a part of this deed, for more particular description.

Reference is hereby made to the above-mentioned deed and its records and to all prior deeds and their records for a more particular description of the land and premises herein conveyed.

TO HAVE AND TO HOLD all the Grantor's right, title and interest in and to said premises and appurtenances thereof to the State of Vermont, its successors or assigns forever.

AND, FURTHERMORE, the said Grantors, Harry W. Hull and Naoma A. Hull, and Ralph L. Lessard and Joan H. Lessard, do for themselves, their heirs and assigns, covenant with the said State of Vermont, its successors or assigns, that from and after the ensealing of these presents, that Harry W. Hull and Naoma A. Hull, and Ralph L. Lessard and Joan H. Lessard, will have and claim no right in and to said quitclaimed premises.

In Witness Whereof, the said Harry W. Hull and Naoma A. Hull, and Ralph L. Lessard and Joan A. Lessard, have hereunto set their hand and seal this 19 day of July A. D. 1968.

IN PRESENCE OF:

Hazel R Davis

Lucy G Powell

Harry Hull (seal)

Naoma A Hull (seal)

Ralph L Lessard (seal)

Joan H Lessard (seal)

STATE OF VERMONT)
)
Windsor County, ss.)

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Before me, Hazel R Davis
Notary Public

VERMONT PROPERTY TRANSFER TAX
ACKNOWLEDGMENT
RETURN NO. 7967
SIGNED Hazel R. Davis
CLERK
DATE July 19, 1968
RETURN RECEIVED

Approved as to form

Asst. Attorney General

FILE COPY

ROUTING

GENERAL		
TO	NOTED	DATE
DJR	-	11/2
CM	[illegible]	11/4/73
DS	[illegible]	11-7-73

SUSPEND TO

FILE 51 - Lake Dam

MANAGEMENT & ENGINEERING DIVISION

November 1, 1973

Mrs. Elizabeth M. Salvo
Barnard
Vermont 05031

Dear Mrs. Salvo:

Please excuse the unusual delay in responding to your letter. We did not take particular note of the dead tree near your garage, most likely because it does not pose a threat to the operation or safety of the dam. It is good practice to remove these dead trees when they are near roads and/or buildings, however.

As you may recall, the State did not acquire any land from you for the dam, except for the transaction between you and the Town, which is now the responsibility of the State. This kind of agreement is not like owning property in "fee", but is rather a "right of entry" for limited purposes. The land itself is still yours, and no one can keep you from using it as long as it does not interfere with the operation or safety of the dam.

Quite often when such trees are within the highway right-of-way, or are a threat to the highway, the Town can and does help with the removal of the trees. I do not know of the policy in the Town of Barnard. We do have a couple temporary employees during the summer months who can be made available to help if the Town is willing to remove the tree, but the best bet is to work with Mr. Edmunds or the Selectmen in Barnard. Sometimes the power company or telephone company help with these problems if there are lines nearby. I know this isn't what you hoped for, but possibly it can be of some help.

Sincerely yours,

Andre J. Rouleau
Water Resources Project Engineer

AJR/kmp

cc: William Edmunds, Jr., Barnard, Vt.

Elizabeth M. Lake
Barnard, Vt. 05031
Sept 20 - 1973

André J. Boulerice
Montpelier

Above reply for me

ROUTING

GENERAL		
TO	ACTION	DATE
AJR	AJR	9/21
DS		
DM		
SUSPEND TO		
FILE		

Dear Mr. Boulerice,

On some of your trips to Barnard you may have noticed a dead tree standing on the dam at the outlet of Silver Lake. Sometime during last winter or early spring a limb from it fell on my garage roof causing considerable damage. My question is whether it is the responsibility of Water Resources to take the tree down. Our local road commissioner, William Edmonds Jr. seems to think that it is.

You are the only person I know in Montpelier therefore my letter to you about it, but if your Dept. is not the one to deal with

DA-PUR 307 75M

STATE OF VERMONT

TO:

FROM:

DATE: 1/12/71

SUBJECT:

- [ ] APPROVAL
- [x] NOTE AND SEE ME
- [ ] PER CONVERSATION
- [ ] SIGNATURE
- [ ] NOTE AND RETURN
- [ ] AS REQUESTED
- [ ] COMMENT
- [ ] NOTE AND FILE
- [ ] NECESSARY ACTION
- [ ] REVIEW
- [ ] FOR YOUR INFORMATION
- [ ] GIVE ME THE FACTS
- [ ] PREPARE REPLY FOR MY SIGNATURE
- [ ] SUGGESTIONS REQUESTED
- [ ] YOUR ACTION REQUESTED BY THIS DATE

REMARKS:

Estate of

Morgan Guaranty Trust of

New York

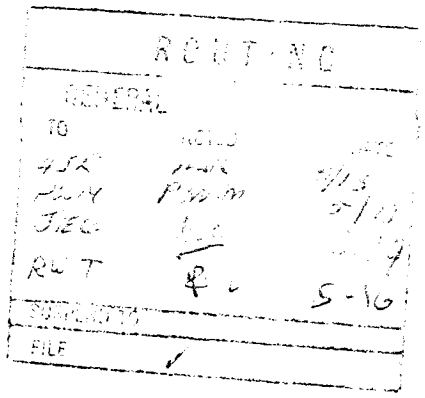
E.E. Knuckinson

Tom Lionel EVPS

1-13-71 Would be nice to have title to this abandoned property, but not hardly worth anything.

H.S.R.

DEPARTMENT OF WATER RESOURCES
MONTPELIER, VERMONT



OFFICE MEMORANDUM

TO: John E. Cerutti

FROM: Andre J. Rouleau

SUBJECT: Appraisal of Real Estate, Town of Barnard, Grievance Meeting

DATE: May 13, 1969

I attended the grievance meeting regarding the land at the outlet of Silver Lake, on May 12, 1969, at 11 A.M. The position outlined was that the Department of Water Resources is trying to do two things: 1) obtain ownership of the dam and the right to reconstruct, operate and maintain it; and 2) in the absence of any land ownership on which the dam is situated, a land survey was made to determine the minimum land believed to be necessary for the proper operation and maintenance of the dam, then quitclaim deeds for this area are to be negotiated with all adjoining landowners in order to define this area as being owned by the State of Vermont, Department of Water Resources.

In regard to 1), we have been assured that we do now own the dam itself by virtue of the quitclaim deed from the Town of Barnard. Regarding the negotiations in 2), we have obtained a quitclaim deed from the Hulls and Lesards, who are co-owners of one of the three adjoining properties concerned. Negotiations with the others are not yet complete and therefore, there is some question about the definition of the property lines and there will be until all the deeds are obtained. The conclusion is that we own the dam but not the land that it is situated on.

After presenting this information to the listers and subsequent discussions with them, I was led to believe that the dam would probably be listed separately in the grand list and that there would be no tax assessed to the Department of Water Resources since there is little if any land involved.

September 3, 1968

ROUTING		
GENERAL		
TO	NOTED	DATE
HJL	AJR	9-3-68
JEC		
SUSPEND TO		
FILE		

Mrs. Elizabeth Salvo
Post Office Box 383
White River Junction, Vermont 05001

Dear Mrs. Salvo:

Reference is made to the project of reconstructing the dam at Silver Lake in Barnard, Vermont. As you know, the Town of Barnard has had the responsibility for this dam, and since earlier this year, this responsibility is now the State of Vermont's. Our intent is to reconstruct this dam, using funds from a State bond issue and also Federal funds under the Bureau of Outdoor Recreation, Project No. 44-00044.

It was our mutual understanding that the boundary of the dam etc., was not clear and not readily definable. Therefore, we had a survey made and a metes and bounds description prepared, which describes what we had agreed was the "dam" and minimum access required for the obligations of repairs, reconstruction and maintenance. No land other than what is necessary is under consideration. We have been advised that it is not necessary for this agreement to be made, although it definitely is in the best interest of all parties to be able to define their property lines.

During our several meetings, you have indicated a preference to not enter into any written agreement as to property line definition for fear of lowering the value of your property, while at the same time not objecting to the project. We feel that defining a property line and reconstructing the dam as outlined at the public hearing, would not adversely affect your property, but rather would enhance it, as well as all the other properties around Silver Lake. Otherwise, the project would not have been initiated or approved.

Therefore, we are proceeding with the project without a better definition of the boundary of the "dam". Any work on the dam will be done with a minimum of encroachment on adjacent private property, and only with the owner's consent.

I hope this will summarize our discussions. If you have any further questions, please do not hesitate to contact us again.

Sincerely,

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

8-30-60

Have appt. to see
Peter Plantz at Woodstock
County Court on Tuesday
Sept. 3 at 2:00 P.M.

We do not now wish to
have a deed from
Mrs. Sohn. The intent was
to establish boundaries and
not to acquire land.

TELEPHONE MESSAGE

While you were out -

To: Andy Rousseau

Mr(s). Peter Plant

Of: Black & Plant

Date: 5.[illegible] Time:

Phone No. Extension:

- [x] PLEASE CALL
- [ ] TELEPHONED
- [ ] WILL CALL AGAIN
- [ ] CALLED TO SEE YOU
- [ ] WANTS TO SEE YOU
- [ ] WISHES AN APPOINTMENT

MESSAGE:

Concerning Mrs Elizabeth Nelson's petition on Selvin Parker & Barnard, Vermont

PERSON WHO TOOK MESSAGE Cheryl

DA-PUR-106

LAW OFFICES OF
BLACK & PLANTE
MUNICIPAL BUILDING
WHITE RIVER JUNCTION, VERMONT
05001

HENRY F. BLACK
PETER P. PLANTE

RAFFAELE M. TERINO
HARRY A. BLACK

TELEPHONE
AREA CODE 802
295-3151

August 29, 1968

ROUTING

GENERAL		
TO	NOTED	DATE
AJR		
JEC		8/29
SEND TO		
FILE		

Andre J. Rouleau
Federal Program Coordinator
Department of Water Resources
Montpelier, Vermont 05602

Dear Mr. Rouleau:

Re: Elizabeth Salvo
Barnard, Vt. Property

We attempted to contact you at your office on Thursday to advise you that this office has been retained by and represents Mrs. Salvo in connection with the proposed purchase by the State of certain real estate owned by our client at the Silver Lake Dam area so-called in Barnard.

Please be advised that Mrs. Salvo will not give the land to the State of Vermont. It is her understanding, and ours from our conversations with her, that a consideration of $2,500.00 is to be paid to her for land at the dam site.

There is also the mill right and water power right matter which has not been completely clarified as far as our client is concerned. We have examined the proposed quit-claim deed which you sent to her sometime ago, and we note that nothing appears therein relative to this right. Our client believes that she is to be paid a separate consideration for this water right and mill right; but we are unsure as to whether the State has determined the consideration for this water right and whether any offer has been made to our client.

In the interim, we would respectfully suggest that no work be done on this project on Mrs. Salvo's property unless and until the questions of consideration to be paid for the land being conveyed and the right of way and the question of the consideration to be paid for the water right previously acquired by her by deed from Thayer on 12 September 1944 and recorded in Book 29, at page 381 of the Barnard Land Records are resolved.

Respectfully yours,

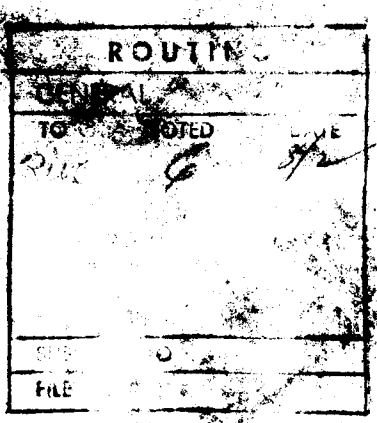
Peter P Plante

PPP:scf

cc: Mrs. Elizabeth Salvo

Saw Mr. Plante on Sept 3, 1968. He now has a different interpretation of the situation. We are to disregard his suggestion unless we hear from him again shortly. AJR Sept 3, 1968.


RECEIVED
AUG 3 - 1988
Dept. of Wat. Resources



August 2, 1968

Mr. Harry H. Cooley
Secretary of State
State House
Montpelier, Vermont 05602

Dear Mr. Cooley:

Enclosed herewith for your record is the following deed for property bought in the name of the State of Vermont, by the Department of Water Resources, in accordance with provisions of the Bureau of Outdoor Recreation and the Interagency Committee:

1. Quitclaim Deed
   Town of Barnard
   County of Windsor

Very truly yours,

Robert W. Carr
Business Manager

vw

Encl.

July 30, 1968

Mr. Harry H. Cooley
Secretary of State
State House
Montpelier, Vermont

Dear Mr. Cooley:

Enclosed herewith for your records are the following deeds for properties bought in the name of the State of Vermont, by the Department of Water Resources, in accordance with provisions of the Bureau of Outdoor Recreation and the Interagency Committee:

1. Quitclaim Deed
   Harry W. Hull & Naoma A. Hull &
   Ralph L. Lessard and Joan H. Lessard
   Town of Barnard
   County of Windsor
2. Allen C. Sweatt
   Town of Craftsbury
   County of Orleans

Very truly yours,

Robert W. Carr
Business Manager

ec

Encl. 2

Barnard, Vermont
July 19, 1968

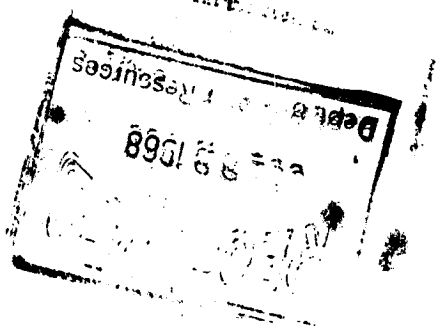
Mr. A. Rouleau
Department of Water Resources
Montpelier, Vermont
Dear Sir:

I am returning the quit-claim deed from the Lessards and Hulls. I note the Name of James and Margaret Magnus on the deed. This should be James and Margaret Maynes.

Yours truly,

Hazel R Davis
Town Clerk

ROUTING		
GENERAL		
TO	NOTED	DATE
ASR	ASR	7-24
SUSPEND TO		
FILE	Silver Lake	


Department of Resources
1968

July 5, 1968

Mrs. Hazel Davis
Town Clerk
Town of Barnard
Barnard, Vermont

Dear Mrs. Davis:

I am enclosing herewith an executed copy of the Quitclaim Deed between the Town of Barnard and the State of Vermont.

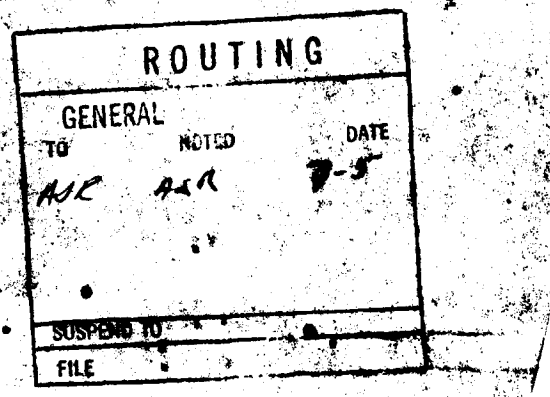
Thank you for your assistance in this matter.

Sincerely,

Andre J. Rouleau
Water Resources Project Engineer

bp

Enc.



Elizabeth M. Salvo
Box 383
White River Jct. Vt.
June 11 - 1968

Andre J. Rouleau
Montpelier, Vermont

Dear Mr. Rouleau;

I am mailing to you herewith a copy of the appraisal made by Mr. H. Oscutt, of my property in Barnard.

About a deed of the mill rights, I would at anytime be willing to discuss whatever decisions I wish to make, with whomever it behooves to act on such matters in the interest of the State of Vermont.

Very truly yours
Elizabeth M. Salvo

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR	HSK	6-12-68
JEC	JBC	6/12
SUSPEND TO		
FILE		

THE SALVO PROPERTY - Barnard, Vt.

Location The Salvo Land and Premises are situated at the northerly end of the outlet to Silver Lake in Barnard Village, at the northerly end of the Bridge and on the easterly side of the highway leading from Barnard Village Four Corners to the North-(deed description)Also another parcel across the highway-the"mill lot"

Buildings The two story dwelling of wood construction has a gable roof with a metal covering. Siding is of Claboards. A two story front porch is attached to the front of the house facing the highway. Building size is 28 by 40 ft. There are five bedrooms upstairs and one bath and one Bedroom down. Also downstairs is a combination living-dining room with a double kitchen and large entry way.

The cellar is fully excavated in half the area with crawl space in the reaminder. Walls and excavated area floor are concrete. Water is supplied by an artesian well of 155 ft and said by the owner to flow at the rate of 4 to 5 gallons per minute. In the basement is a steel shower enclosure, toilet and set tubs. Heating is by forced hot air dired by an oil fired furnace.

The building has been well maintained except for porch which appears to need some repairs.

Across the road is a small garage and storage building (12x20) of board and batten siding and the gable roof is covered with asphalt shingles. One overhead door is in front.

Land On the lakeside the lot has about 67 front feet on the highway and maximum depth of about 120 feet tapering in depth to about 80 feet (see sketch).

The dwelling is located 7 ft. distant from the fence of the neighboring property, and 22 ft. from the travelled way of the highway.

Across the road the land is below grade (now made worse by the raising of the road) and access is now difficult except by coming up on the road from a sideways angle.

Value Based on a highest and best use as a summer and winter recreation home the Salvo Property in my estimation has a fair market value as of May 15, 1968 of $25,000.

RECEIVED
JUN 12 1968
Dept. of Water Resources

THE SALVO PROPERTY - Barnard, Vt.

In estimating the value of certain rights and lands to be acquired by the Water Resources Board it is necessary to recognize that the location of the buildings on both sides of the highway to the property lines, the lake shore, the outlet stream and the town highway are such that any loss of land has a considerable effect on the value of the remainder.

1) Loss of lake-side frontage	10 ft @$100 per front ft.		$1,000
2) Loss of Road-side frontage	10 ft @$ 50 per front ft.		500
			$1,500
3) Loss of land suitable for filling (outlet)		$250	
4) Loss of access land on dam needed for driveway from garage land		$750	
		1000	$1,000
			$2,500

Land and frontage values were obtained from personal contact with the following real estate brokers who have listed and sold property on Silver Lake.

*Ruth Davry	Woodstock
Roger Mahar	Woodstock
Eben Brown	Bethel

*Specifically mentioning a right-of-way 10 ft. wide purchased by Miller from a Mrs. Thayer (east of store) about 10 years ago for $1,000. Also a standing offer by Myer Culp to Margaret Byrnes to purchase her surplus lake frontage for $100 per Front foot.

RECEIVED
JUN 12 1968
Dept. of Water Resources

Elizabeth M. Saloo
Box 383
White River Jct. Vt. 05001

June 1 - 1968

ROUTING		
GENERAL		
TO	NOTED	DATE
AJR		6-4
	JEC	
SUSPEND TO		
FILE		

Andre J. Rouleau
Montpelier Vermont

Dear Mr. Rouleau;

Regarding my property in Barnard, I am now in possession of a completed appraisal that I would be glad to let you have a copy of if you wish.

I would also like to mention that Mr. William Orcutt will be available on a suitable notice, should you require further information.

Very truly yours
Elizabeth M. Saloo
(Mrs. Bernard E.)

RECEIVED
JUN 3 1968
Dept. of Water Resources

ROUTING		
GEN		
TO	NOTED	DATE
A.J.R		5-21
	DWW	5-21
SUS	O	
FILE		

Barnard, Vermont
May 18, 1968

Department of Water Resources
Montpelier, Vermont 05602

Attention: Andre J. Rouleau

Dear Sir:

I have a note on my desk asking me to notify you that the Selectmen will meet with you on June 7, 1968 at 8 o'clock in the evening. This is their regular night for a meeting at the Barnard Town Library.

Yours truly,,

Hazel R Davis Town Clerk

(Silver Lake Dam)

RECEIVED
MAY 2 1 1968
Dept. of Water Resources

May 15, 1968

ROUTING		
GENERAL		
TO	NOTED	DATE
ANR	ANR	5-20-68
JEC	JEC	6-3
DWW	DWW	5-20
SUSPEND TO		
FILE		

Mrs. Hazel R. Davis
Town Clerk
Town of Barnard
Barnard, Vermont 05031

RE: Silver Lake Dam

Dear Mrs. Davis:

We have come to the point on this project where there are many items of mutual interest between the selectmen, Town of Barnard and ourselves. If possible, I would like to meet with the selectmen either on a regularly scheduled meeting or at some other time to discuss the following items:

1. Transfer of property (dam, etc.)
2. Piping facilities for public fire protection provided by Town.
3. Type of guardrail at the dam Steel Beam.
4. Paving of town road by Town.
5. Location of water supply line
6. Other business Waterline Pipes.

I will be available most anytime after the 27th of May. Please let me know when it would be convenient for the selectmen.

Sincerely yours,

Andree J. Rouleau/bp

Andre J. Rouleau
Water Resources Project Engineer

AJR/bp

Box 383
White River Jct. Vt. 05001

April 18, 1968

GLR
JEC
ASR
SU
FILE
ACKNOWLEDGED
DATE 5/7

A. J. Rouleau
Montpelier, Vt.

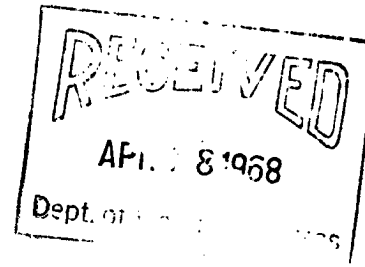
Dear Mr. Rouleau,

About the appraisal of the property in Barnard. I've asked Mr. William Orcutt of Chester Vt. and he is willing to do it.

I have it from several different sources that he is a competent honest person.

As I said, I'd let you know

Very truly yours
Elizabeth M. Salor


RECEIVED
APR 8 1968
Dept. of

March 28, 1968

ROUTING

GENERAL

TO	NOTED	DATE

SUSPEND TO

FILE

Mrs. Lee C. Hickey
300 South Broadway
Tarrytown, New York 10591

Dear Mrs. Hickey:

With reference to your letter of March 21, 1968, it is not the intent of this Department to either raise or lower the water levels permanently at Silver Lake any significant amount. The actual rules and regulations pertaining to these water levels will be made by the Vermont Water Resources Board after the public hearing in accordance with Vermont statutes. The procedures followed by the Water Resources Board provide several opportunities for individuals or organizations to voice objections to any rulings made pertaining to either water levels or the construction of dams.

After the public hearing, the Board will issue a Findings of Fact, which summarizes the pertinent information brought out at the hearing and on which the Board will base their order.

The Board will then wait 15 days to hear any objections to the Findings, at which time they will issue an Order which specifies rules and regulations governing surface water levels or the construction of dams.

If no objections to this Order are received for a period of 30 days, the Order will then become law.

The purpose of the proposed project at Silver Lake is to reconstruct the outlet structure to return it to a safe, aesthetic, and relatively maintenance-free condition and to increase the discharge capacity of the structure to decrease the fluctuations in surface water levels and decrease the possibility of flood damage.

In connection with this, we are recommending a controlled surface water level, from the time the ice goes out of the lake in the spring until the 15th of October, of 1307.5 feet above sea level and 1306.0 feet above sea level for the remainder of the year.

Elizabeth M. Salvo
Box 383 White River Jct. Vt.

Andre J. Rouleau
State Office Building
Montpelier, Vt.

ROUTING
GENERAL

TO	NOTED
CJB	CJB
AJR	AJR

DATE

LISTEN TO

Dear Mr. Rouleau,

On conferring with real estate appraisers I found that the size of land you are asking me to deed over to the State of Vt. plus the permanent easement would reduce the value of my property at least twelve hundred dollars.

I also checked this out with my lawyer. What I am wondering at is, how could you think me so naive as to consider your offer of one dollar

Very truly yours
Elizabeth M. Salvo

RECEIVED
1968
Dept. of Water Resources

3-25-68

Re: Mrs. Solvo Letter

The figure of $1200.00 is reasonable if the actual area to be conveyed were 0.3 acres of owned land.

However, as previously explained, the purpose of this conveyance is merely to establish a fixed property line between the owner of the dam and outlet works and adjacent owners.

The 0.3 acre figure is subdivided as follows:

Hwy R.O.W.	5760	= 0.13 Acre
Under Water	900	= 0.02 Acre
Land-Owner?	3600	= 0.08 Acre
⊛ Mrs Solvo	1800	= 0.04 Acre
		0.27 Acre
	Say	0.3 Acre

⊛ Approximately Half of this area is considered part of the earth fill portion of the dam and outlet structure

My Opinion - should compensate for her interests! Never involved in clarifying her interests!

(AJR)

March 13, 1968

Mrs. Elizabeth Salvo
Post Office Box 383
White River Junction, Vermont 05001

Dear Mrs. Salvo:

Enclosed is a proposed quitclaim deed for the purpose of establishing a fixed property line at Silver Lake Dam, as we had agreed. The first part is a metes and bounds description for the actual land needed for the dam, and the second part describes the rights needed for access to the dam for maintenance, etc. It describes only the land necessary for the proper maintenance of the dam.

We have staked the property with steel rods in the ground, and can point them out at your convenience, and also try to answer any other questions which you may have regarding the deed.

If you have any questions, please call or write to either Charles J. Bacon or Andre J. Rouleau, Vermont Department of Water Resources, State Office Building, Montpelier, Vermont 05602; telephone - 223-2311, Ext. 237.

If the deeds meet your approval, they may be executed in the proper manner and returned to this office.

Sincerely yours,

Andre J. Rouleau
Federal Program Coordinator

AJR/bp

Enc.

ROUTING

GENERAL TO	NOTED	DATE
AJR	AJR	3-13-68
CB	CJB	3/15/68

SUSPEND TO

FILE

Reference is made to a Plan of Property entitled, "Property to be Acquired by the State of Vermont Department of Water Resources, Town of Barnard, Vermont", as surveyed on February 28, 1968, attached to and made a part of this deed, for more particular description.

Reference is hereby made to the above-mentioned deed and its records and to all prior deeds and their records for a more particular description of the land and premises herein conveyed.

TO HAVE AND TO HOLD all the Grantor's right, title and interest in and to said premises and appurtenances thereof to the State of Vermont, its successors or assigns forever.

AND, FURTHERMORE, the said Grantor, Elizabeth Mussay Salvo, does for herself, her heirs and assigns, covenant with the said State of Vermont, its successors or assigns, that from and after the ensealing of these presents, I, Elizabeth Mussay Salvo, will have and claim no right, in and to said quitclaimed premises.

In Witness Whereof, Elizabeth Mussay Salvo hereunto sets her hand and seal this _____ day of _____ A. D. 19___.

IN PRESENCE OF:

_____

_____ _____ (seal)

STATE OF VERMONT)
)
_____ County, ss.)

At _____ in said County this _____ day of _____, A. D. 19___, Elizabeth Mussay Salvo personally appeared and acknowledged this instrument, by her sealed and subscribed, to be her free act and deed.

Before me, _____
Notary Public

CLYDE

SOUTH'PORT

BUILDING OF SILVER LAKE

CONTRACTOR TOWN CLERK &

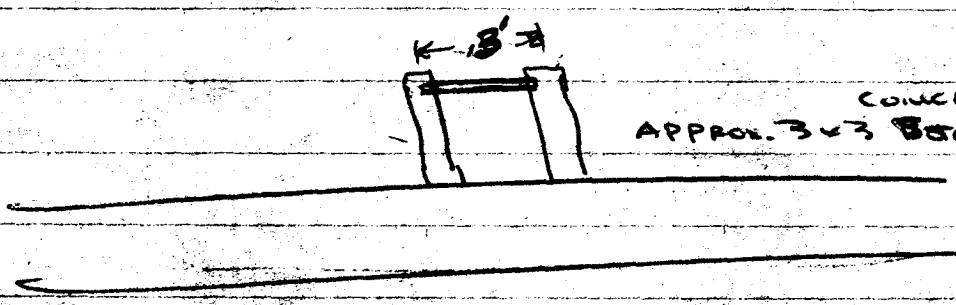
CARL LEWIS, SELECTMEN BOARD

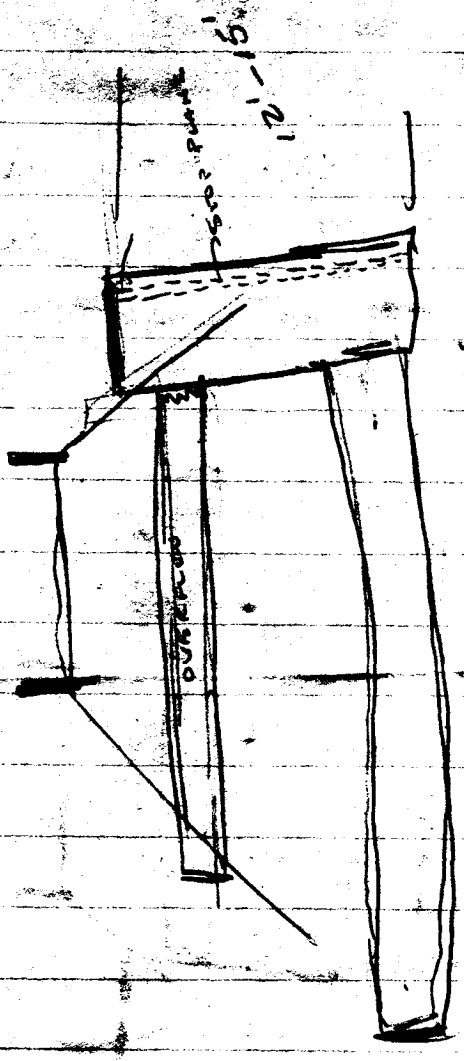
ARRANGED TO MEET WITH THE

SELECTMEN AT 8:00 P.M. TONIGHT IN ORDER

TO DISCUSS THE STATES POSITION

INTERESTS IN THE DAM @ SILVER LAKE





OVERFLOW PIPES NOT

IN CONCR. BOX

SELECTMEN WILL SET UP SPECIAL TOWN

MTG. TO BE SET BEFORE 19 APR.

LAW OFFICE OF
ELIZABETH SHERBURNE ROSS
5 THE GREEN
WOODSTOCK, VERMONT
05091

March 8, 1968

TELEPHONE 457-1500
AREA CODE 802

Department of Water Resources
Montpelier
Vermont 05602

Gentlemen:

I have your letter of March 1, in connection with the alleged property in Barnard owned by Dorothy Thompson Kopf (Lewis). I know nothing about this and at the time Mrs. Kopf's estate was settled it never came to light and no recognition was made of it in the inventory.

I know where the prqerty must be located from the description which you forwarded in your letter but I know that the piece of land has a very small value, if any value, and all I can say is that the executors under her Will were never aware that she owned it and due to the fact that the Town of Barnard was not taxing it, it never actually came to their attention.

If there is anything further which you feel the executors should do, I would be glad to get in touch with them if you care to have me.

Very truly yours,

Elizabeth S. Ross

ESR:pmw

ROUTING
GENERAL

TO	NOTED	DATE
AJR	AJR	3-11-68
CJB	CJB	3/18/68

SUSPEND TO
FILE

RECEIVED
MAR 1 1 1968
Dept. of

March 1, 1968

Mrs. Elizabeth Sherburne Ross
Law Office of Elizabeth Sherburne Ross
5 The Green
Woodstock, Vermont 05091

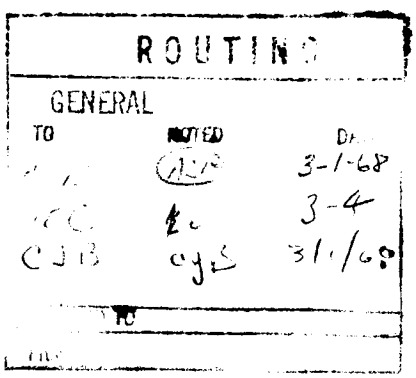
Re: Property formerly owned by
Dorothy Thompson Kopf (Lewis)
Town of Barnard, Vermont

Dear Mrs. Ross:

The Department of Water Resources is preparing plans to repair and reconstruct the outlet structure (dam) at Silver Lake in the Town of Barnard. At the present time, the Town of Barnard owns the outlet structure, and is in the process of conveying it to the State of Vermont. Since there is no metes and bounds description of the dam and other pertinent rights, we are attempting to establish a boundary line, thereby benefiting all parties concerned.

With the able assistance of Mrs. Hazel Davis, Town Clerk of Barnard, we have been able to find that a portion of the effected property at one time belonged to Dorothy Thompson Lewis. The data which we have found is on an attached sheet. We have not been able to find a record of this property being conveyed to anyone else. We understand that you represented Mrs. Kopf, and possibly have readily available, some information which would help us in determining the present owner of this land.

For your assistance in locating the land, it is described approximately as follows:



RECEIVED
OCT 3 - 1967
Dept. of Water Resources

In the Village of Barnard, bounded on the North by the Town Clerk's Office and Library, on the East by the brook leading out of Silver Lake, on the South by the North road going across the dam at Silver Lake, and on the West by Vermont Route No. 12.

The listers of the Town of Barnard have not taxed this property for several years. Perhaps this is because there are no longer any improvements on the land and the property remaining after highway easements is only a small piece of land, all of it being on a very steep bank.

Sincerely yours,

Andre J. Rouleau
Federal Program Coordinator

AJR/bp

Enc.

To Dorothy Thompson Lewis
Warranty Deed
October 8, 1936
"The Silver Lake Garage" property
in the Village of Barnard.

From N. Arthur Potwin
Book 28, Page 154
Barnard Land Records

To N. Arthur Potwin
Warranty Deed
October 5, 1932

From Raymond C. Potwin
Book 28, Page 75
Barnard Land Records

To Raymond C. Potwin
Administrator's Deed
April 18, 1927

From Chester E. Cody, Administrator
Byron C. Hathorn Estate
Book 27, Page 705
Barnard Land Records

To Chester E. Cody, Administrator
Byron C. Hathorn Estate
Quitclaim Deed
August 26, 1922

From Carl L. Hathorn
Book 27, Page 604
Barnard Land Records

To Carl L. Hathorn
Warranty Deed
April 28, 1916

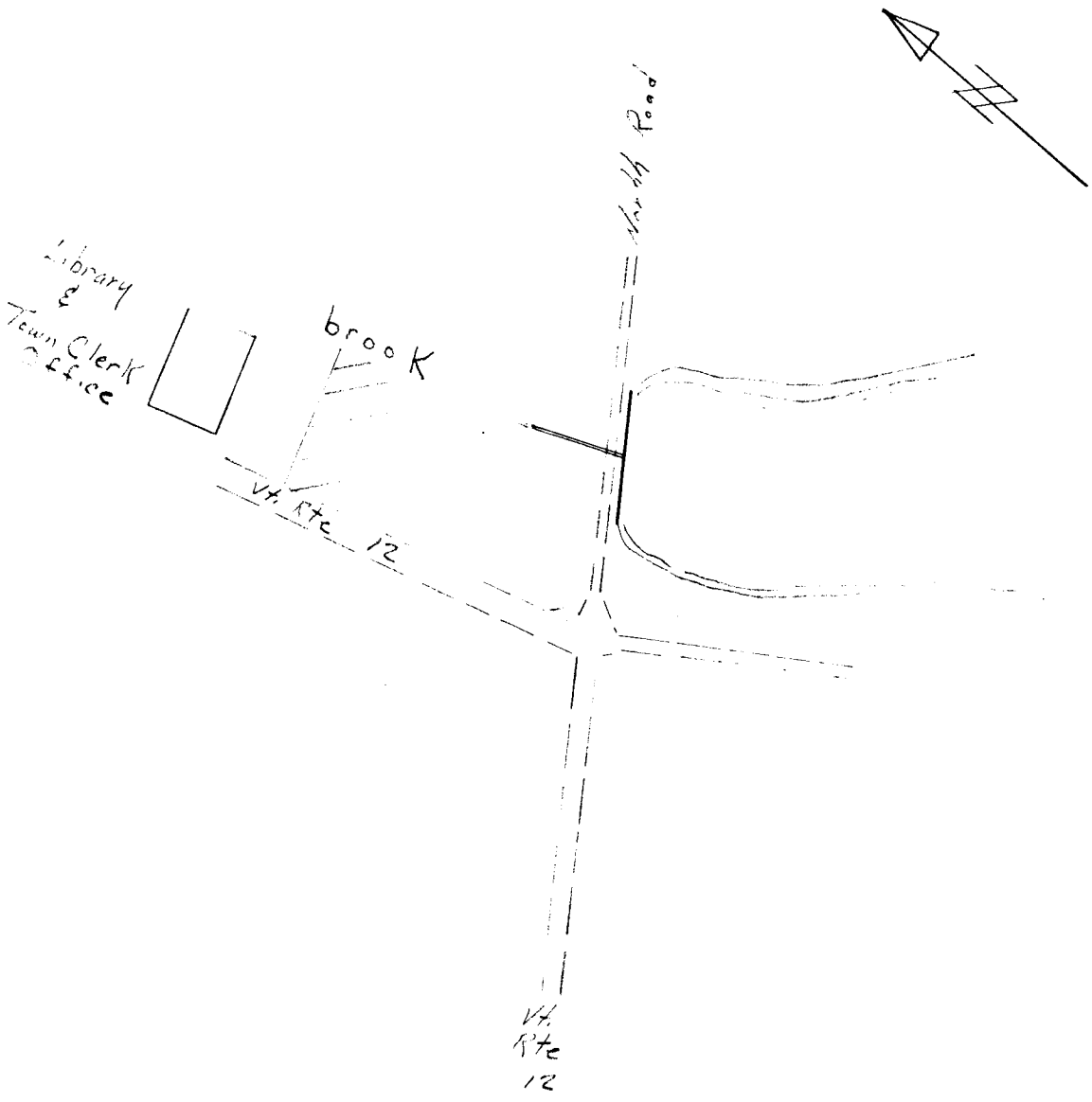
From Frank H. Thayer and
Jennie L. Thayer
Book 26, Page 137
Barnard Land Records

To Frank H. Thayer
Warranty Deed
July 22, 1914
"Streeter Law Office"

From Peleg B. Hadley and
Priscilla H. Hadley
Book 26, Page 128
Barnard Land Records

SKETCH OF PROPERTY

TOWN OF BARNARD



Law Offices of

JAMES WESTON WRIGHT

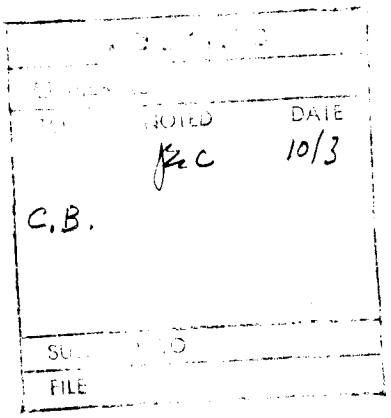
T'Other House - 4 The Green

WOODSTOCK, VERMONT

TELEPHONE 457-2266

James Weston Wright
Hilliard E. Wright

October 2, 1967



Mr. Charles Bacon
Department of Water Resources
Montpelier, Vermont

Dear Mr. Bacon:

Regarding the property in Barnard which the State intends to purchase, we have done some work in the Land Records and we feel we can certify title as being in the name of the Town of Barnard, However, our title certificate would expressly disclaim any warranty regarding boundaries or acreage. As you know from looking at the Land Records, there are no valuable descriptions available. The only thing certain is that the Town owns whatever rights there are to the dam and probably some amount of surrounding property. We suggest you have a survey done to determine boundaries.

Very truly yours,

James W. Wright

JWW:jmh:DEE

RECEIVED
OCT 3 - 1967
Dept. of Water Resources

60
170

TITLE SEARCH
SILVER LAKE (JIM WRIGHT)
MIRROR LAKE

DON EATON

JAMES W. WRIGHT - $12/hr. LIMIT $200.00
S.S. 370 - 20 - 9116

No. 4 - THE GREEN
WOODSTOCK

AUG. 21 TO SEPT. 25

Woodstock, Vermont
February 17, 1967

Mr. Robert D. Williams
Montpelier, Vermont

Dear Mr. Williams:

It has been brought to the attention of the selectmen of Barnard, Vermont that the dam at Silver Lake is in need of repair.

As this body of water is the property of the State of Vermont, also a State Park is located there, we would like to ask what part your department would take in repairing same.

Another thing since the park was established the road has taken a terrible beating for that distance. It has been suggested that your department might black top that section.

That would not be near the expense that a black top road to a mountain top would be.

The selectmen would gladly meet with you or someone from your office to look over these situations.

Sincerely,
Leon R. Porter
Clyde A. Camfield
Carl S. Lewis
Selectmen of Barnard

ROUTING
ENVT.
TO | NOTED | DATE
SUSPEND TO
FILE

RECEIVED
FEB 24 1967
Dept. of Water Resources

February 23, 1967

Mr. Leon E. Porter
Selectman of Barnard
Barnard, Vermont

Dear Mr. Porter:

I have taken the liberty to turn over your letter of February 17 to Reinhold M. Talcom, Commissioner, Department of Water Resources. It is very possible that there may be an opportunity for State and Federal funds to be used to repair the Silver Lake dam. I am sure he or his representative will discuss this matter with you. We have some indications of legislative action that will make funds available.

In reference to the road, a number of towns have comparable situations. I have discussed this matter with Russell Niles, Commissioner, of Highways. At an early meeting of the State Board of Forests and Parks we will determine the possibility of sharing with the towns the costs of road improvement. There are a dozen situations of a similar nature, and there is not a sufficient appropriation at the moment to take care of all of them.

Sincerely,

ROBERT W. WILLIAMS
Commissioner

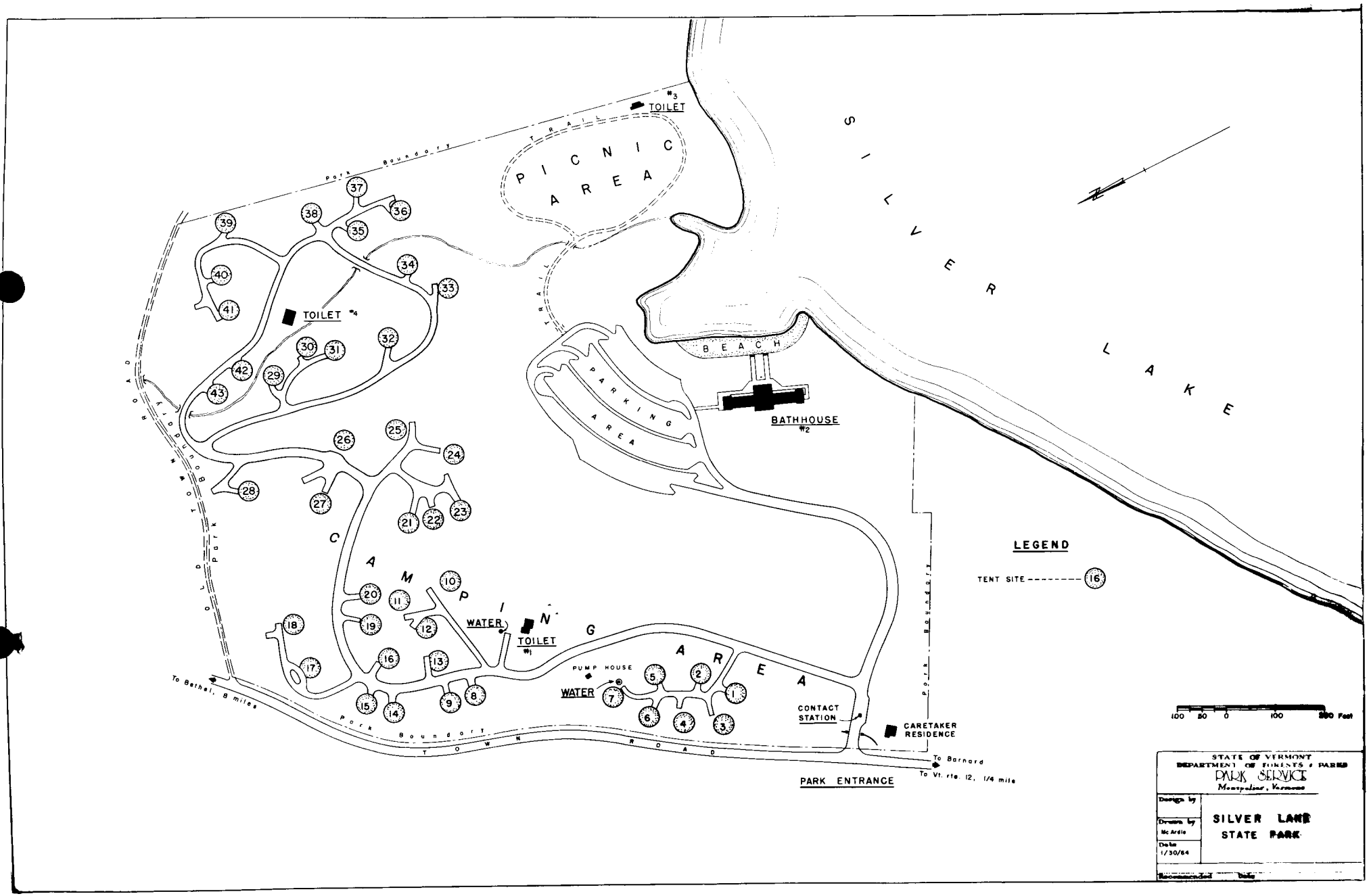
RWWtemg

cc: Clyde C. Campbell
Carl S. Lewis

FEB 27 1967
Dept. of Water Resources

TALKED WITH
D. EATON WHO IS
HANDLING THIS
SEARCH.

THEY ARE NOW
AWAITING WORD FROM
US AS TO WHETHER
OR NOT WE ARE
GOING TO HAVE
SURVEY OF PROPERTY
BEFORE DRAWING
DEED.


TOILET #3
PICNIC AREA
Park Boundary
TRAIL
SILVER LAKE
TOILET #4
BEACH
PARKING AREA
BATHHOUSE #2
Kidder Brook
Old Park Road
CAMPING AREA
WATER
TOILET #1
PUMP HOUSE
WATER
CONTACT STATION
CARETAKER RESIDENCE
Park Boundary
TOWN ROAD
To Bethel, 8 miles
To Barnard
To Vt. rte. 12, 1/4 mile
PARK ENTRANCE
LEGEND
TENT SITE ---------- 16
100 50 0 100 200 Feet
STATE OF VERMONT
DEPARTMENT OF FORESTS & PARKS
PARK SERVICE
Montpelier, Vermont
Design by
Drawn by Mc Ardle
Date 1/30/64
SILVER LAKE STATE PARK
Recommended
Date

Elizabeth Mussay personally appeared before me and acknowledged the foregoing instrument by her sealed and subscribed to be her free act and deed.

Before me

Velma B. Thayer
Notary Public

Barnard Town Clerk's Office
Received for record May 27, 1947
at 9 o'clock 20 min. AM.
Attest: Velma B. Thayer
Town Clerk."

It is obvious that signature of Mrs. Mussay was apparently not witnessed by two (2) witnesses unless however the selectmen of the town were also witnesses which could appear from parol evidence. Even though not witnessed and apparently not under seal, it is the opinion of the abstractor, that this instrument is sufficient by its intent and purpose to convey any and all right, title and interest which Elizabeth Mussay at any time had in the Silver Lake Dam and structures and appurtenances thereto. The deficiencies in execution, if any, could not operate to her favor in defeating the Town of Barnard of its claims and rights in the dam and to the lands and privileges appurtenant to the said dam.

OPINION. It is the opinion of the abstractor that the Town of Barnard is the owner of the Silver Lake Dam and all privileges and appurtenances thereto, including the use of the lands of Elizabeth Mussay to the extent that such use is necessary for the proper maintenance, repair and operation of said dam all by virtue of her assignment dated May 24, 1947 and recorded May 27, 1947 in Book 30 at Page 107 of Barnard Land Records.

Respectfully Submitted,

James W. Wright
Attorney at Law

It is obvious that in the chain of title all of these rights and privileges were conveyed to Elizabeth Mussay by deed of Jennie L. Thayer dated September 12, 1944 and recorded in Book 29 at Page 381 of said records.

Significantly, Elizabeth Mussay assigned all of her right, title and interest in and to the dam and all of the structure necessary to the operation of the dam to the Town of Barnard by the following instrument:

"To the Selectmen
Town of Barnard,
Vermont

Gentlemen:

For the sum of one dollar, receipt of which is hereby acknowledged, I assign to the Town of Barnard, Vermont, whatever rights and title I may have in the dam at the outlet of Silver Lake in that town, together with the gate controlling the flow, and all of the structure necessary to the operation of this dam and gate.

It is understood that I am to be completely relieved of any personal responsibility for its maintenance and repair.

Respectfully,

/S/ Elizabeth Mussay

(Miss) Elizabeth Mussay

Barnard, Vermont
May 24,1947

Accepted for the Town of Barnard

/S/ J.E. Long
/S/ A. B. Hill
/S/ D. C. Hathorn
Selectmen

In order to determine the full rights enjoyed by this conveyance and thus in the chain of title, examination must be had of the deed above referred to; namely, the deed from Benjamin Stebbins to Joseph Bowman Jr. recorded in Book 3 Page 118 of said land records which is abstracted in part as follows:

> "Also privilege of building dam on east side of above first mentioned road, across the brook that leads out of the pond known by the name of Stebbins Pond and runs through the above described land, to him the said Joseph Bowman Jr., his heirs and assigns forever shall have full liberty to build a dam across the aforesaid brook on the east side of the aforesaid road on or near the spot where Joshua Bartlett formerly built a dam a little above the old sawmill; said Joseph Bowman Jr. or his heirs and assigns shall have full liberty to raise the dam so high as to flow the aforesaid pond or land around said pond and raise the water on said pond as high as he or they shall see fit and keep up said pond as long as he or they please and draw of said water when they please, also said Joseph or his assigns shall have full authority to go across my land to build said dam and to repair said dam if necessary and to go to and from said dam as shall be necessary any time and at all times without any difficulty. Provided he and they shall put up the fence after them or him so that no damage shall be done to my farm by reason of creatures getting in after them. And said Joseph and his assigns shall have liberty to get any timber on my land that shall be necessary for building said dam and have as much gravel as necessary for building and repairing said dam from time to time where it shall be the handiest and most convenient forever, also said Joseph or his assigns shall have liberty to get as much timber on my land as shall be necessary for to build a grist mill and saw mill on the aforesaid stream and to build a dam at the sawmill together with the privileges and appurtenances to the same belonging to him the said Joseph Bowman Jr., his heirs and assigns and to their own proper use and benefit and behoof forever."

Said warranty deed is in part abstracted as follows:

> "The mill privilege and land appurtenant thereto situated at the outlet of Silver Lake, being the same property and mill privilege conveyed to C. A. Cushing, Mary E. Harrington and others (C.W. Brigham and G. A. Chedel) by the deed of Joseph E. Safford dated July 30, 1896 recorded in Book 24 at Page 35 of Barnard Land Records.
>
> " ...
>
> "Meaning to convey all right and title to the so called water power right and mill privilege and land appurtenant thereto as it stands today-- no buildings on said property."

This was the same land and privilege conveyed to Cushing, Harrington and others by deed of Joseph E. Safford dated July 30, 1896 and recorded in Book 24 at Page 35 of Barnard Land Records, which is in part abstracted as follows:

> "Being the mill privilege at the outlet of the pond known as Silver Lake in the Village of Barnard together with the land on which said privilege is situated and all of the dam and pond thereunto belonging and appurtaining, being all and the same premises conveyed to me (Joseph E. Safford) by Alvan Wood by his deed of December 27, 1875 recorded in Book 21 Page 358 of Barnard Land Records to which deed and record reference is had for a more particular description. Meaning hereby to convey the same privilege and rights in said water and pond that were conveyed by Benjamin Stebbins to Joseph Bowman, Jr. June 10, 1795 recorded in Book 3 Page 118 of said Land Records.
>
> "Also including old harness shop situated on the east side of highway on land which is flowed by high water being the same shop and premises deeded to me."

There is not however any specific record of acquisition or condemnation order in the Barnard Land Records as indexed.

The State Highway Board conveyed all of its interest in Vermont Route #12 to the Town of Barnard by instrument dated October 25, 1957 and recorded December 3, 1957 in Book 32 at Page 403, 404, 413, 414 of Barnard Land Records. This conveyance included lands taken for Vermont Route #12 and lying within the Village of Barnard.

Although the title status has certain indications that some rights were acquired or at least assumed to be acquired by the State of Vermont, State Highway Board, and possibly subsequently relinquished to the Town of Barnard, the status of title in fact technically remains in the Estate of Dorothy Thompson Lewis according to said Barnard Town Land Records as indexed.

II. Elizabeth Mussay.

We have been requested to search the Land Records of the Town of Barnard, Vermont and to determine, if possible, the existing rights enjoyed by Elizabeth Mussay and the Town of Barnard respectively in connection with the Silver Lake Dam and lands immediately adjacent thereto.

The land records reveal that certain real estate bordering on Silver Lake and lying northerly of the Silver Lake Dam was conveyed to Elizabeth Mussay by two (2) separate instruments of conveyance as follows:

(1) Deed of Erwin Fraser dated October 4, 1934 and recorded October 5, 1934 in Book 28 at Page 117 of Barnard Land Records, and

(2) Deed of Loren R. Pierce dated May 8, 1936 and recorded May 8, 1936 in Book 28 at Page 137 of Barnard Land Records, each deed conveying an undivided one-half (½) interest in said land and premises. This is the property whereon her dwelling house is situated.

She further acquired mill privileges and lands appurtenant to said "mill privilege" by virtue of a warranty deed from Jennie L. Thayer, a widow, to Elizabeth Mussay, dated September 12, 1944 and recorded September 12, 1944 in Book 29 at Page 381 of Barnard Town Land Records.

Law Offices of

JAMES WESTON WRIGHT

T'OTHER HOUSE - 4 THE GREEN

WOODSTOCK, VERMONT

JAMES W. WRIGHT
HILLIARD E. WRIGHT (1900-1968)
DONALD E. EATON

EATON BROOKS, ESQ. - CLERK

TELEPHONE 457-2266
AREA CODE 802

January 28, 1969

Vermont Water Resources Board
Montpelier
Vermont

Atten: Andre Rouleau

Re: Silver Lake Dam project

TITLE OPINION

I. Dorothy Thompson Lewis.

We have been asked to render our opinion relative current status and ownership of a certain parcel of land situated southerly of the brook draining from Silver Lake and westerly of the Silver Lake Dam, so-called.

It is our opinion that title to the same technically stands in the name of the estate of Dorothy Thompson Lewis. Said land and premises were conveyed to Dorothy Thompson Lewis by warranty deed of M. Arthur Potwin dated October 8, 1936 and recorded October 18, 1936 in Book 28 at Page 154 of Barnard Town Land Records. Particular reference for description purposes should be had to a certain deed from Peleg and Priscilla Hadley to Frank Thayer dated July 22, 1914 and recorded in Book 26 at Page 128 of Barnard Land Records. The land and premises particularly of concern is formerly known as the "Streeter Law Office property".

The State of Vermont desired to acquire this particular property for use in developing and improvement of Vermont State Highway Route 12. Accordingly, notices of hearing on necessity dated September 9, 1954 were forwarded to the owner Dorothy Thompson Lewis and hearing was held according to minutes thereof as recorded in Book 31 at Page 481 of Barnard Town Land Records. Therein is contained a recitation that for the compensation of $1.00 the State of Vermont would acquire the property of the said Dorothy Thompson Lewis as indicated in Book 31 at Page 490 of said land records.

Law Offices of
JAMES WESTON WRIGHT
T'OTHER HOUSE - 4 THE GREEN
WOODSTOCK, VERMONT

JAMES W. WRIGHT
HILLIARD E. WRIGHT (1900-1968)
DONALD E. EATON

EATON BROOKS, ESQ. - CLERK

TELEPHONE 457-2266
AREA CODE 802

January 29, 1969

ROUTING

GENERAL		
TO	NOTED	DATE
AJR		2/3/69
SUSPENSE TO		
FILE		

Mr. Andre Rouleau
Vermont Water Resources Board
Montpelier, Vermont

Re: Silver Lake Dam

Dear Mr. Rouleau:

I am enclosing my Opinion in connection with the matter which we abstracted for you during the Spring and early summer of 1968 as I wanted you to have written copies of the same. If you have any questions please let me know.

Our statement for services rendered is also enclosed.

Very truly yours,

James W. Wright

JWW:jmh
encs.

Mrs. Elizabeth M. Salvo
Post Office Box
White River Junction, Vermont 05001

Mr. Donald W. Arnold
Windsor County Senator
Bethel, Vermont 05032

Mr. Ralph L. Lessard
Barnard General Store
Barnard, Vermont 05031

Mr. Carl S. Lewis, Selectman
Town of Barnard
R.F.D.
Woodstock, Vermont 05091

Mr. Frank Chase
District Engineer
Highway District #4
Woodstock, Vermont 05091

Mr. Robert T. Billings
1205 Carr Road
Wilmington, Delaware 19809

Mrs. Lee C. Hickey
300 South Broadway
Tarrytown, New York 10591

We, the undersigned, property owners of the Town of Barnard, respectfully request that when the bridge and dam at Silver Lake in the Village of Barnard is reconstructed, that piping facilities be provided so that water from the Lake can be used in the future for public fire protection of homes in the Barnard Village area.

Joseph Oakland	Barnard Fire Dep Chief
W. O. Cobb	
Cora A. White	Barnard, Vermont
Elizabeth A Tedsen	Barnard Vermont
Lenore C. Foster	Barnard, Vt.
Stanley R. Olmsted	Barnard, Vt
Raymond Sargent	Barnard Vt.
Hazel Davis	Barnard Vt
Theodora Keith	Barnard, Vt.
Marie A. Giacomo	Barnard Vt.
Elizabeth B. Cook.	Barnard. Vt 05031
Eleanor J Wilson	" "
Edna D Bennett	" "
Elizabeth M. Sawyer	
Gladys W. Bundy	

EXHIBIT
NO. 2
APR 4 1968
PROCEEDING
WATER RESOURCES BOARD

TEMPORARY EASEMENT

KNOW ALL MEN BY THESE PRESENTS THAT

Harry W. Hull
Naoma A. Hull
Ralph L. Lessard
Joan N. Lessard

of Barnard, in the County of Windsor and State of Vermont, Grantor, in the consideration of One ($1.00) Dollar paid to our full satisfaction by the State of Vermont, a sovereign state with capital at Montpelier, County of Washington, grant a temporary easement to enter upon our property located on the southwesterly side of Silver Lake to remove the stone wall and stump on said property, and to grade the said land for the purpose of improving the appearance of the lake shore as indicated on the attached sketch of property.

This easement terminates when the above described work is completed or on June 30, 1969, whichever date first occurs.

It is understood and agreed that the State of Vermont will not be responsible for reseeding the land graded or making other improvements on the property.

IN WITNESS WHEREOF, we hereunto set our hand and seal this 31 day of January A.D. 1969.

In Presence of

Harry Hull LS

Naoma Hull LS

Ralph L Lessard LS

Joan N Lessard LS

Approved as to form

Assistant Attorney General

State of Vermont)
) ss.
County)

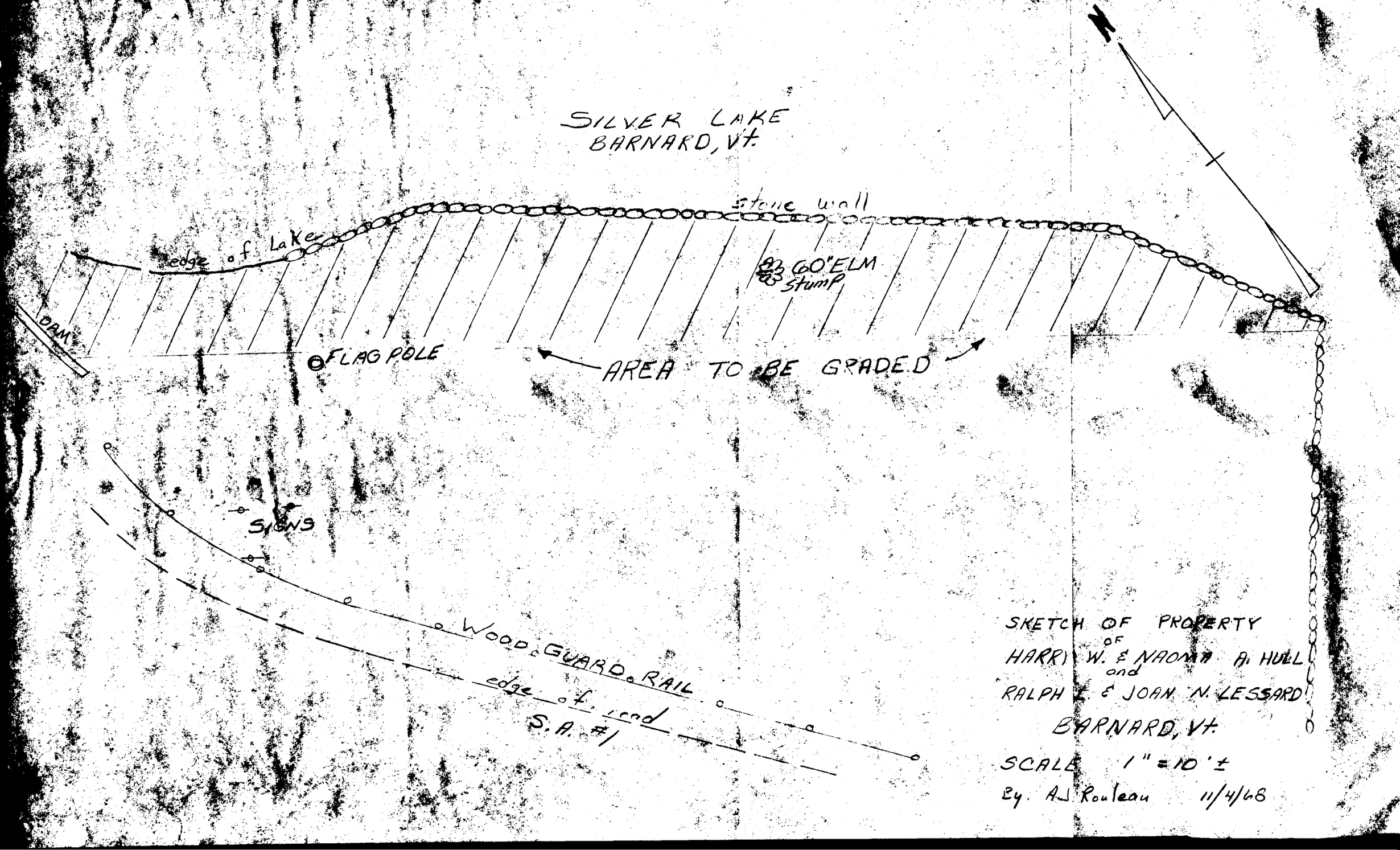
At _____ this _____ day of _____

A.D. 1968, Harry W. Hull, Naoma A. Hull, Ralph L. Lessard, and Joan N. Lessard personally appeared, and they acknowledged this instrument, by them sealed and subscribed, to be their free act and deed.

Before me, _____

Approved as to Form

_____


SILVER LAKE
BARNARD, Vt.
stone wall
edge of Lake
60" ELM
stump
DAM
FLAG POLE
AREA TO BE GRADED
SIGNS
WOOD GUARD RAIL
edge of road
S. A. #1
N
SKETCH OF PROPERTY
OF
HARRY W. & NAOMI A. HULL
and
RALPH L. & JOAN N. LESSARD
BARNARD, Vt.
SCALE 1" = 10' ±
By. A.J. Rouleau 11/4/68

MEMORANDUM

RE: Outlet Structure at Silver Lake, Barnard

BY: R. W. Thieme

DATE: September 29, 1958

(1) Upon this date, Mr. N. C. Hull, a selectman of Barnard, called this office to advise that the water of Silver Lake had been drawn down so that they might inspect the condition of the outlet structure and to enable repairs to be made. He was advised of the applicable sections of statutes obtained in Chapter 400. He advised that two engineers had been consulted regarding the needed repairs to this outlet structure and that it was estimated by one that the costs of necessary repairs would approximate $3,250. Inquiry revealed that the two engineers consulted are not registered in accordance with Vermont state law and that one making the estimate was an employee of O. W. Miller Construction Co. The question was raised as to the availability of state funds to assist in these repairs. Mr. Hull was advised that there were none available. It was left that representatives of this office would visit the dam at Silver Lake on Tuesday, September 30 and that Mr. Hull would be contacted for an on-the-grounds discussion of the problem.

(2) During the afternoon of September 30, Messrs. Cerutti and Thieme visited the site of the outlet structure of Silver Lake in Barnard to make inspection of the structure as of the date. Mr. Hull and two other town representatives were present and did discuss the problem presently facing them. Two photographs showing the ~~upstream face of~~ this outlet structure were taken for the record. One shows the two discharged tubes and the gate structure. The other, the south or southwest end of the outlet structure. Both photographs reveal a great deal of surface disintegration of the concrete.

(3) Mr. Hull and the others were advised that town ownership of the water rights and the dam carried with it an obligation or responsibility for the adequate maintenance of the structure. The question of state assistance was again asked. They were advised that there were no funds presently available from us for this purpose; that it might be possible for their town representative to introduce a bill in the next session of legislature seeking state funds to be used for this purpose. Some discussion was also had regarding state agencies that might be able and interested in accepting as a gift the ownership and responsibility for this structure. They were advised that Forests & Parks, Fish & Game Service, and Water Conservation Board were three agencies known that might have an interest in this direction. It was left that the problem would be discussed with the Board, Friday, October 3, and that any further suggestions would be relayed to them prior to their selectmen's meeting of October 7.

ROUTING

GENERAL

TO	NOTED	DATE
RWT		10-
JEC		10-2

SUSPEND TO FILE

SILVER LAKE

BARNARD, VERMONT

View of Dam from Upstream



South or southwest End of Outlet Structure



MEMORANDUM

Re: Silver Lake, Barnard, Vt.
June 27, 1958

Silver Lake Dam is located on Locust Creek in Barnard Village. The dam is presently owned by the Town of Barnard. The surface area of the lake is approximately 100 acres and the drainage area above the dam approximately 2 square miles.

The dam itself is earth fill contained between a concrete wall on the upstream side and stone fill on the down stream side.

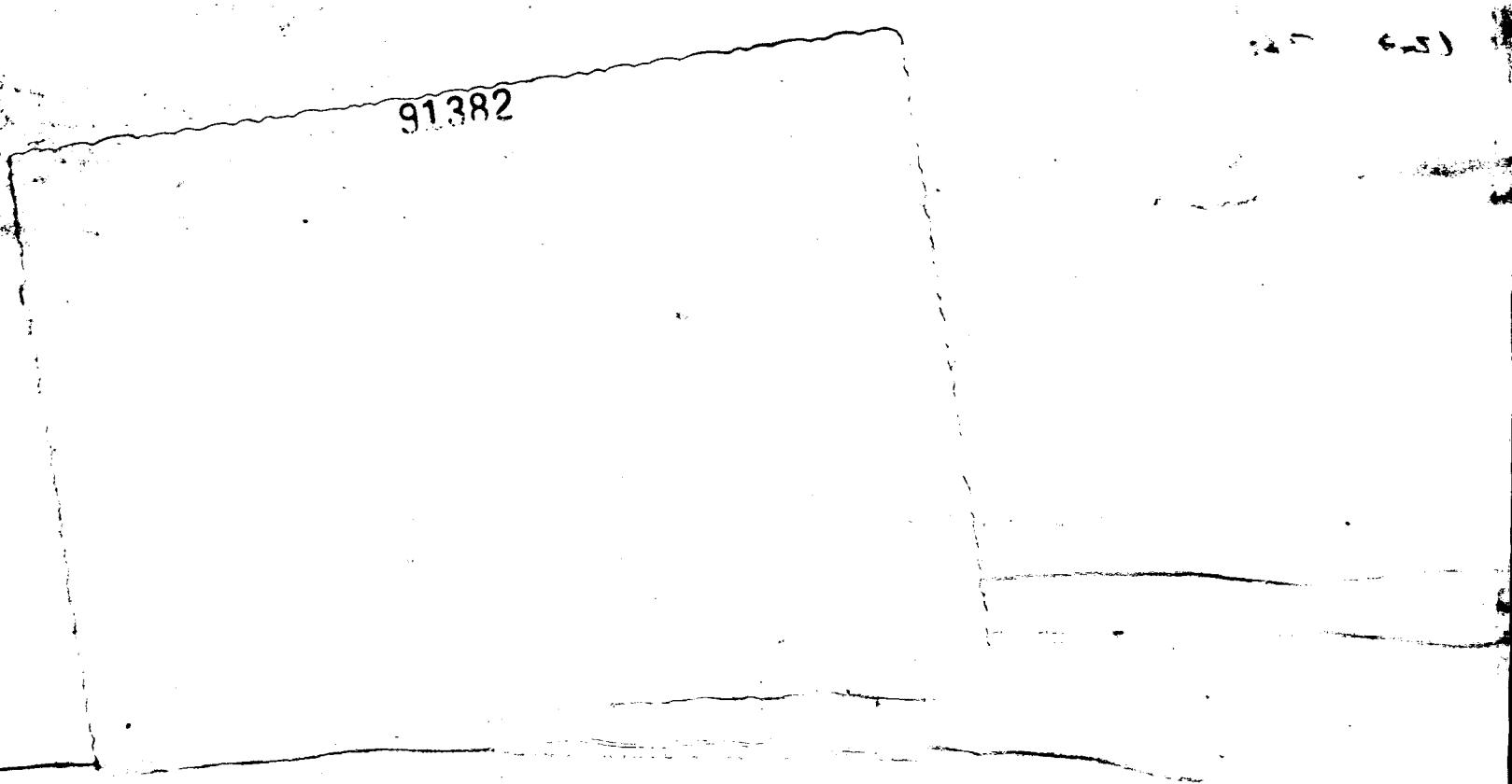
Discharge from the dam is accomplished by three conduits through the dam. Two of these have their inverts about 3.5' below the top of the dam. One is 2 feet in diameter and the other is 2.5 feet in diameter. These two conduits ~~have rectan~~gular inlets that may be fitted ~~with stop~~ planks. On the above date the 2.5' dism. conduit ~~had 1.8' f~~lashboards in place. The third conduit is some ten feet below the top of the dam and is 21" in diameter. Discharge is controlled by a hand operated gate.

The concrete wall forming the upstream face of the dam has considerable cracking and surface erosion. The gate for the lower opening is in very poor condition and difficult to operate.

The discharge capacity of the three conduits is grossly inadequate for the size of the drainage area. Overtopping is possible with danger of partial failure of the dam. Water level even with the top of the dam also floods houses on the lake shore. (See attached)

S/ J. E. Cerutti
Hydraulic Engineer

ROUTING		
GENERAL		
TO	NOTED	DATE
	JEC	6-27
SUSPEND TO FILE		


91382

FRANCIS E. MORRISSEY, CHAIRMAN
BENNINGTON
WALTER B. RENFREW
NEWBURY
FRANCIS W. LEACH
RUPERT

PHILIP SHUTLER, COMMISSIONER

STATE OF VERMONT
WATER CONSERVATION BOARD
MONTPELIER
December 13, 1950

REPORT ON SILVER LAKE DAM
IN
BARNARD, VERMONT

Upstream View - Silver Lake Dam

This is a report on the Silver Lake dam in the Town of Barnard, Vermont. It represents the writer's own examination and study of the structure, and includes a suggestion for improving the discharge capacity.

General

Silver Lake dam is located in the headwaters of Locust Creek in the village of Barnard. It is presently owned by the Town of Barnard and is operated for recreational purposes.

The dam was supposedly built about 1913. Under full conditions it impounds a lake having a surface area of about 100 acres and a useable volume of about 15,000,000 cubic feet. The contributing drainage area is 2.2 square miles.

Description of the dam

The dam consists of a gravelly material contained between a concrete wall on the upstream side and a fill of loose stone on the downstream side. On the upstream side, the vertical gravity wall (4 feet thick at the top) also serves as a flow retarding element. On the downstream side, the stone fill assumes its natural slope of about 1 on 1. The top width of the embankment is about 40 feet. Due to the slope of the stream channel at the site, the upstream toe is about 10 feet below the top of the dam, while the downstream toe is about 25 feet.

Discharge past the dam is accomplished by three steel pipe conduits passing through the embankment. The two top-level outlets, with inverts about 4 feet below the top of the dam, discharge on to the downstream face. Both are about 50 feet long, one being 2.0 feet in diameter and the other 2.5 feet in diameter. They have rectangular inlets fitted with stop-planks. The lower outlet, a 70 foot conduit 1.8 feet in diameter, is at the maximum or 10 foot depth. Discharge is controlled by a hand-operated, wooden slide gate. (see photograph)

Condition of the dam

The condition of the dam, as observed last October, is noted as follows:

Concrete facing - has sustained some surface erosion and cracking, particularly at the normal water line (see photograph). This condition is mostly due to wave and ice action. Although disintegration is deep in places, it is not seriously affecting the stability of the wall. However, repairs at this time would check further disintegration.

Embankment - the material in the core is not known, but the downstream shell of rock fill indicates a stable condition. The embankment, as a whole, has ample section.

Outlets - the larger top-level conduit (2.5 feet diameter) was installed this past year and is inthe best condition. Removal of stop-planks appears ~~to~~ too difficult at times of high water. The slide gate for the lower outlet is in a poorly patched condition, being difficult to operate.

Discharge capacity

Fully open, the top level conduits may approximately discharge about 100 c.f.s. and the lower conduit an additional 53 c.f.s. This capacity is inadequate for the probable maximum flood which may be expected at the dam. The situation is worsened by the fact that full discharge may not be realized at the proper time. Fortunately, at the time of November 1927 Flood, the lake was drawn down.

Using a flood peak of 1300 c.f.s., based on previous records in the vicinity, the writer finds a preliminary discharge capacity of about 400 c.f.s to be desirable. This considers a normal pond level 3 feet below the the top of the dam with a smoothing out effect by storage above the crest level.

A scheme for improving discharge capacity

A scheme, of a preliminary nature, for improving the discharge capacity is suggested as follows:

Utilize a side-channel spillway arrangement at the north end of the dam (far end in photograph). This would consist of an open channel, of 400 c.f.s. capacity, fitted to the end condition at the dam and the topography. At the head end, the streamward side of the channel would be provided with an unobstructed, ogee-shaped crest 3 feet below the top of the dam (similar to Figure 1 a). Then, under the roadway, a culvert section would be fitted. Past the roadway would be a lined channel, at least in part, similar to Figure 1 b.

With this arrangement, the top level conduits in the dam would be eliminated, while the lower conduit would be maintained as a sluiceway. The side channel spillway lends itself to the crowded conditions at this dam although it is not hydraulically efficient. Its layout would be governed by an economics study.

Conclusions

From this study, the writer concludes that the dam is in good enough condition except for certain preventative repairs and improvements. In this respect, the chief concern is the lack of satisfactory discharge capacity. Overtopping is possible, threatening the dam with partial failure at least. The relative location of the dam limits its flood damage potential.

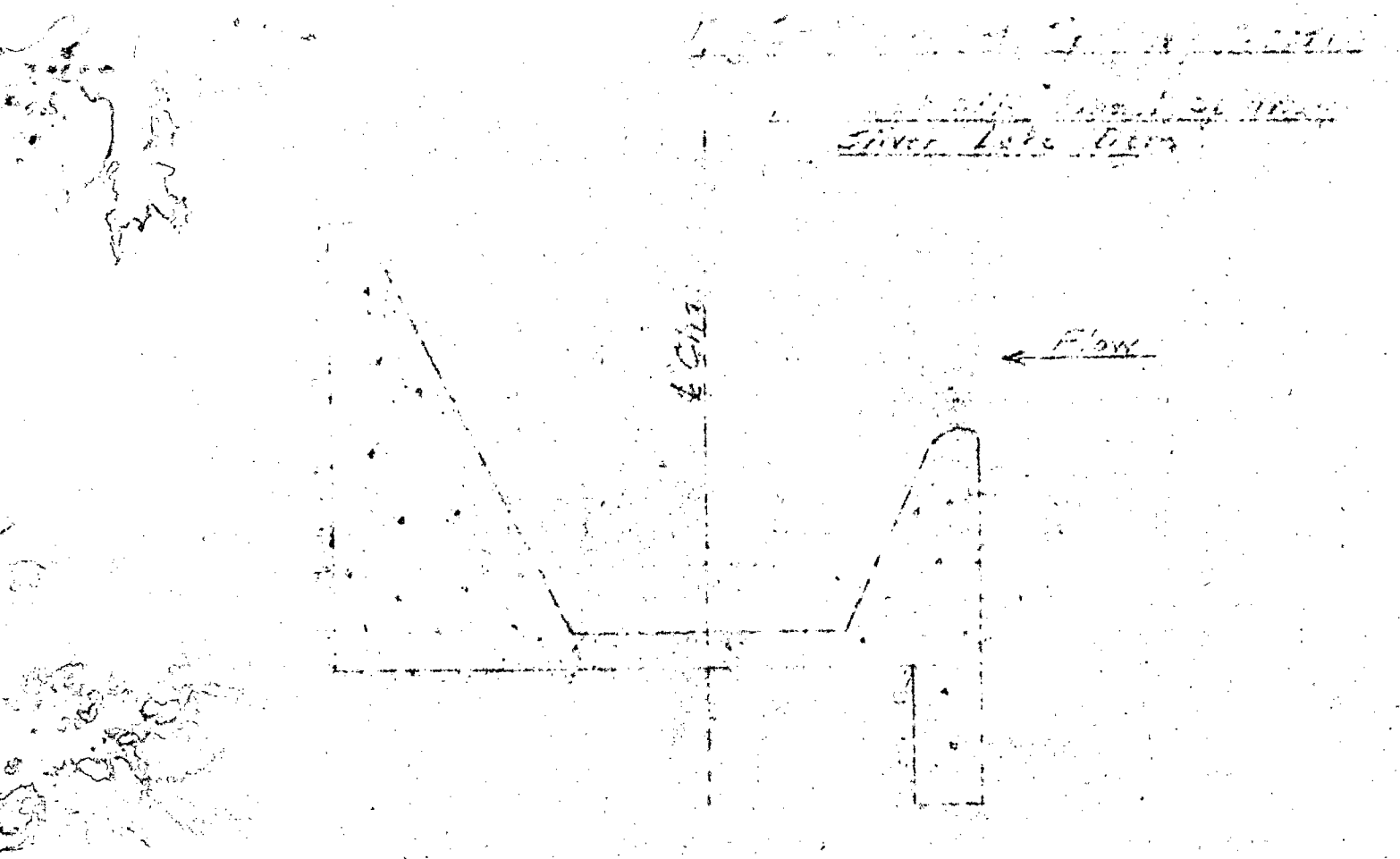
Improvement of the discharge capacity is recommended, possibly by a side-channel spillway arrangement as suggested herein.

Stephen H. Haybrook

Stephen H. Haybrook
Hydraulic Engineer
Public Service Comm.

December 13, 1950

Report #171



(a)

(b)

LAKE AND POND SURVEY

Silver Lake, Barnard

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C. Outlet Description 3
D. Recrational Potential-Restrictions 3
E. References 3

2. Appendixes

A. Sketch with Reaches Specified
B. Depth Chart
C. Soil Ledgend USDA Soil Conservation Service

LAKE AND POND SURVEY

Pond or Lake: Silver Lake County: Windsor Town: Barnard
Acreage: 98 Aerial Photo: H-38-39, H-38-90
Elevation: 1305
Depths: Max: 30' Ave: 20'
Water Classification: B
****

Silver Lake is located at the Village of Barnard with the outlet being at the junction of Route 12 and the Barnard-Bethel Road (SA-3). The Lake extends in an easterly direction approximately 3600' and is 1500' wide at its wides point. A town road (SA-1) proceeds along the southern side of the pond.

The drainage area of about 2 sq. mi. surrounds the pond north, south and east as hills that rise to 1700'. The Lake is fed by no major inlet, but by several peripheral streams mainly along the north and east shorelines.

The adjacent lands are divided into the town area at the outlet area, private camp area long the southern and eastern shore, State Park at the northwest corner, and undeveloped forest lands on the north shore.

The waters of the Lake are utilized for recreational purposes. The State Park maintains a swimming beach and camp owners have boats on the lake.

Reach Descriptions:

Reach A: Forest and Parks State Park

The gradual slope of the bottom in this region has allowed for the development of a beach area for the State Park. A well defined swimming area marked by flags extends across the entire frontage of the park being 200' from shore at the center section. A cement dock with diving board has been constructed over a natural rock protrusion into the water. The Park development includes a beach house, picnic area, parking lot for day users, and a camping site along the roadway SA-3 and extending into wooded area above the parking lot. An inlet enters through this reach.

Reach B: State Park to outlet region

The gradual sloped bottom of the State Beach area extends along this reach with a gravel bottom. The shoreline is mostly tree lined and there is a small bank that leads onto lands that are small mowed meadows or well-developed gardens of the back yards of the town homes along the roadway SA-3.

Reach C: The Outlet Region

This region is characterized by the new outlet structure a roadway SA-3, completed in 1969 as B.O.R. Project #44-00044 under the supervision of the Water Resources Department. In addition to the dam a new stone wall was constructed along the north bank and the private beach on the south bank was maintained and enhanced by the contruction work. The adjacent region is composed of the junction of SA-1, and SA-3 with Vt. Route 12 at the south end of the dam.

Reach D: South Shore and East Shore

The slope of the gravel and sand bottom is gradual throughout this reach with little vegetation. The shoreline is mostly forested except where cleared for camps. The adjacent lands slope upward to roadway SA-1. Some town homes are at the wester end of the reach. Camps then are rather densely located except for an access that a private camping area located south of SA-1. The center portion of the south shore is less developed and a small inlet is formed here with a small sand bar extending into the Lake. The camps are again numerous at the eastern end of the reach. Some of these camps are located on the shoreline on cement embankments while the majority are in wooded sites. Another inlet enters the Lake at the easter end of the Lake.

Reach E: The North Shore

The shallow waters off shore to 100' in this reach are dominated by large rocks and boulders that lie just below water level with the larger ones protruding above the water. The shoreline is rocky and completely wooded. The adjacent

wooded lands extend at a gradual slope away from the Lake and are undeveloped. Another small stream enters the Lake midway in this reach.

Outlet Description:

Detailed descriptions of this dam are to be found in Water Resources file, B.O.R. Project #44-00044.

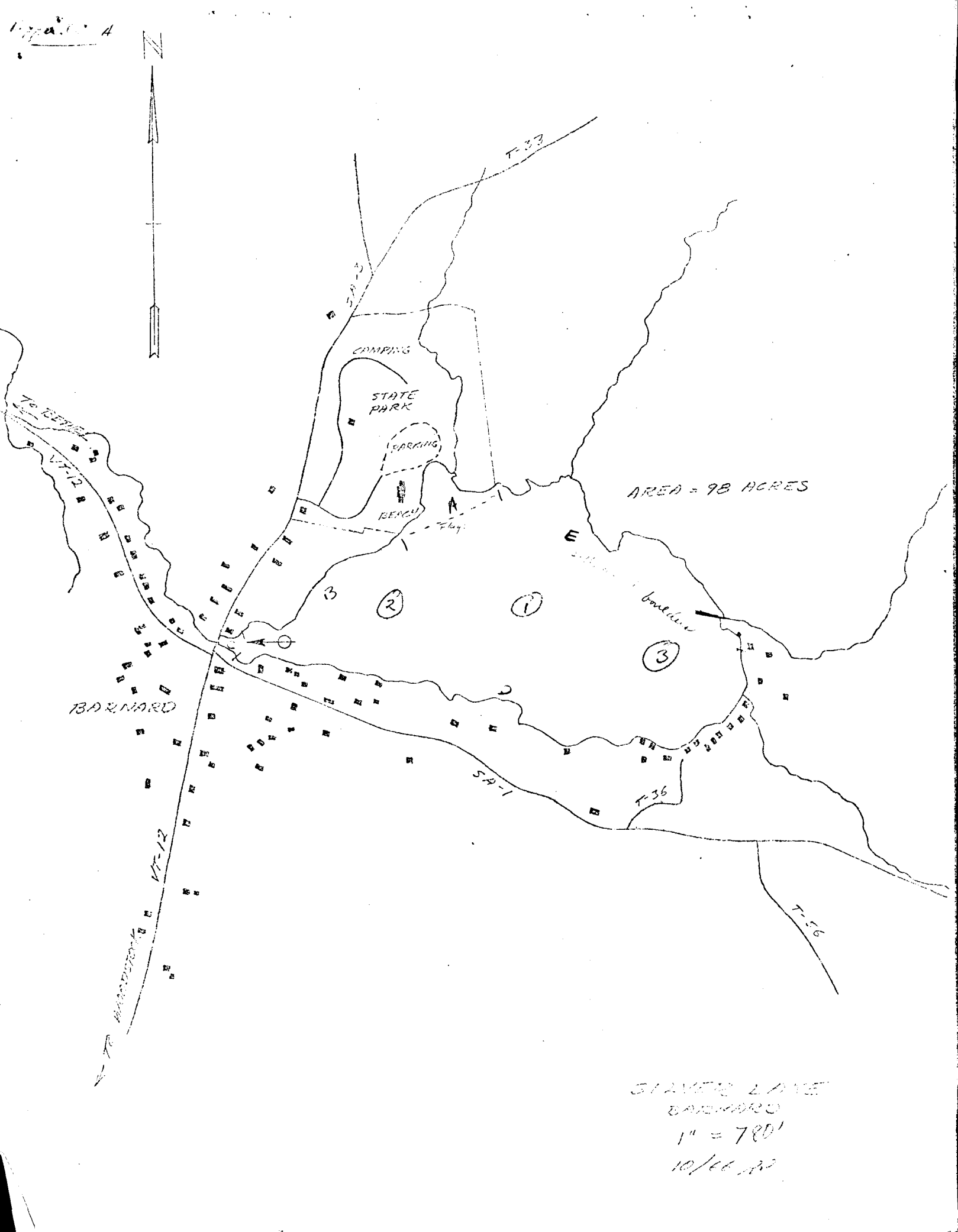
Recreational Potential--Restrictions:

The State Park provides excellent facilites for camping, picnicking, and swimming. Boating is limited to private campers for there is not boat launch on the Lake. Small boats and canoes can be put in at the State Park. Motorboating should be restricted and navigational aids should be placed to mark the rocks along the north shore (Reach E).

References:

B.O.R. Project #44-00044

Figure 4



STATE LAND
BARNARD
1" = 780'
10/66 MJ

State of Vermont
Department of Water Resources
Planning and Development Division

Lake and Pond Survey
Field Data Sheet

Date 7/22/70
Pond or Lake Silver Lake County Windsor Township Cavendish
Maps _____ Aerial Photo Nos. H-38-89, 1-1 3C-90
Depth Charts: _____

Reach: _____

General Information:
- Acreage: 98
- Elevation: 1305
- Depths: Max: _____ Ave.: _____
- Water Class
- Fish:
- Vegetation:
- Water Use: WS, P, S, (0)
- Drainage Area: (Description)

_____

Water Quality:
- Sight: C M T
- Smell: G B

Bottom:
- Compos S G M B L
- Veg N Y
- Slope F G S V
- Obstruc N Y

Shoreline:
- Slope: F G S V
- Veg:
- Blight:
- Erosion: N Y

Access:
- Bank: R B D T C
- Poten: N Y
- Water: L C D B

Hydrology:
- Inlet:
- Outlet: ✓
- Control Structure: (C) S E W N
- Condition: (G) F P
- Ownership: State of Vermont
- Water rights State of Vermont

Adjacent Land:
- NAR Class:
- Ownership:
- Use:
- Terrain:
- Unique Nat Features:

Wild Life:
- Habitats:
- Species:
- Sigh:

Recreational Potential:
- Canoeing:
- Sailing:
- Boating:
- Motorbg:
- W. Skiing:
- Camping:
- Picnic:
- Beach:
- Swimming:

FAP: Camping, Boat Access
No dam at this time (Oct 70)
State owned

State of Vermont
Department of Water Resources
Planning and Development Division

Lake and Pond Survey
Field Data Sheet

Date 7/22/7
Pond or Lake Silver County Windsor Township Reading
Maps _____ Aerial Photo Nos. _____
Depth Charts: _____

Reach: A State Park

General Information:
- Acreage:
- Elevation:
- Depths: Max: _____ Ave.: _____
- Water Class
- Fish:
- Vegetation:
- Water Use: WS, P, S, Ø
- Drainage Area: (Description)

_____

_____

_____

_____

_____

Water Quality:
- Sight: C M T
- Smell: G B

Bottom:
- Compos S G M B L
- Veg N Y
- Slope F G S V
- Obstruc N Y

Shoreline:
- Slope: F G S V
- Veg:
- Blight:
- Erosion: N Y

Access: Pine Grove
- Bank: R B D (T) C
- Poten: N Y
- Water: (L) C D (B)

Hydrology:
- Inlet:
- Outlet:
- Control Structure: C S E W N
- Condition: G F P
- Ownership:
- Water rights

Adjacent Land:
- NAR Class:
- Ownership:
- Use:
- Terrain:
- Unique Nat Features:

Wild Life:
- Habitats:
- Species:
- Sign:

Recreational Potential:
- Canoeing:
- Sailing:
- Boating:
- Motorbg:
- W. Skiing:
- Camping:
- Picnic:
- Beach:
- Swimming:

State of Vermont
Department of Water Resources
Planning and Development Division

Lake and Pond Survey
Field Data Sheet

Date 7/22/70
Pond or Lake Silver Lake County Windsor Township Baroard
Maps _____ Aerial Photo Nos. _____
Depth Charts: _____

Reach: B. State Park to Outlet region

General Information:
Acreage:
Elevation:
Depths: Max: _____ Ave.: _____
Water Class
Fish:
Vegetation:
Water Use: WS, P, S, Ø
Drainage Area: (Description)

Water Quality:
Sight: C M T
Smell: G B

Bottom:
Compos S (G) M B L
Veg N Y
Slope F (G) S V
Obstruc N Y

Shoreline:
Slope: (F) G S V
Veg: Tree lines - marsh
Blight:
Erosion: N Y

Access:
Bank: R B D T C
Poten: N Y
Water: L C (D) B

Hydrology:
Inlet:
Outlet:
Control Structure: C S E W N
Condition: G F P
Ownership:
Water rights

Adjacent Land:
NAR Class: Town -
Ownership: Pvt
Use: Homes -
Terrain: Undulating - fields, lawn, gardens
Unique Nat Features:

Wild Life:
Habitats:
Species:
Sigh:

Recreational Potential:
Canoeing:
Sailing:
Boating:
Motorbg:
W. Skiing:
Camping:
Picnic:
Beach:
Swimming:

State of Vermont
Department of Water Resources
Planning and Development Division

Lake and Pond Survey
Field Data Sheet

Date 7/12/70
Pond or Lake Silver Lake County _____ Township _____
Maps _____ Aerial Photo Nos. _____
Depth Charts: _____

Reach: C Outlet

General Information:
Acreage:
Elevation:
Depths: Max: _____ Ave.: _____
Water Class
Fish:
Vegetation:
Water Use: WS, P, S, Ø
Drainage Area: (Description)

Water Quality:
Sight: C M T
Smell: G B

Bottom:
Compos S G M B L
Veg N Y
Slope F G S V
Obstruc N Y

Shoreline:
Slope: F G S V
Veg:
Blight:
Erosion: N Y

Access:
Bank: R B D T C
Poten: N Y
Water: L C D B

North side - stone embankment
South side - mixed trees adjacent & stone wood embankment

Hydrology:
Inlet:
Outlet:
Control Structure: C S E W N
Condition: G F P
Ownership:
Water rights

Adjacent Land:
NAR Class:
Ownership:
Use:
Terrain:
Unique Nat Features:

Wild Life:
Habitats:
Species:
Sign:

Recreational Potential:
Canoeing:
Sailing:
Boating:
Motorbg:
W. Skiing:
Camping:
Picnic:
Beach:
Swimming:

State of Vermont
Department of Water Resources
Planning and Development Division

Lake and Pond Survey
Field Data Sheet

Date 7/22/70
Pond or Lake Silver County Windsor Township Barnard
Maps Aerial Photo Nos.
Depth Charts:

Reach: D South Shore and East Shore

General Information:
- Acreage:
- Elevation:
- Depths: Max: Ave.:
- Water Class
- Fish:
- Vegetation:
- Water Use: WS, P, S, (O)
- Drainage Area: (Description)

Water Quality:
- Sight: (C) M T
- Smell: (G) B

Bottom:
- Compos (S) G M B L
- Veg N Y Little
- Slope F (G) S V
- Obstruc N Y

Shoreline:
- Slope: F (G) S V
- Veg: Fringed
- Blight:
- Erosion: N Y

Access:
- Bank: R B D T C
- Poten: N Y
- Water: L C D B

Hydrology:
- Inlet: 2 small inlets
- Outlet:
- Control Structure: C S E W N
- Condition: G F P
- Ownership:
- Water rights

Adjacent Land: Town
- NAR Class:
- Ownership: Pvt
- Use: Summer Camps*
- Terrain:
- Unique Nat Features:

Wild Life:
- Habitats:
- Species:
- Sign:

Recreational Potential:
- Canoeing:
- Sailing:
- Boating:
- Motorbg:
- W. Skiing:
- Camping:
- Picnic:
- Beach:
- Swimming:

* Heavily populated west and east ends - Central portion less developed

State of Vermont
Department of Water Resources
Planning and Development Division

Lake and Pond Survey
Field Data Sheet

Date 7/22/70
Pond or Lake Silver County Windsor Township Barnard
Maps Aerial Photo Nos.
Depth Charts:

Reach: E. Nick Shore

General Information:
- Acreage:
- Elevation:
- Depths: Max: Ave.:
- Water Class
- Fish:
- Vegetation:
- Water Use: WS, P, S, (O)
- Drainage Area: (Description)

Water Quality:
- Sight: (C) M T
- Smell: (G) B

Bottom: Rocks + Boulders
- Compos S (G) M B L
- Veg N Y
- Slope (F) G S V
- Obstruc N (Y)

Many large boulders

Shoreline:
- Slope: F (G) S V
- Veg: Forested
- Blight:
- Erosion: N Y

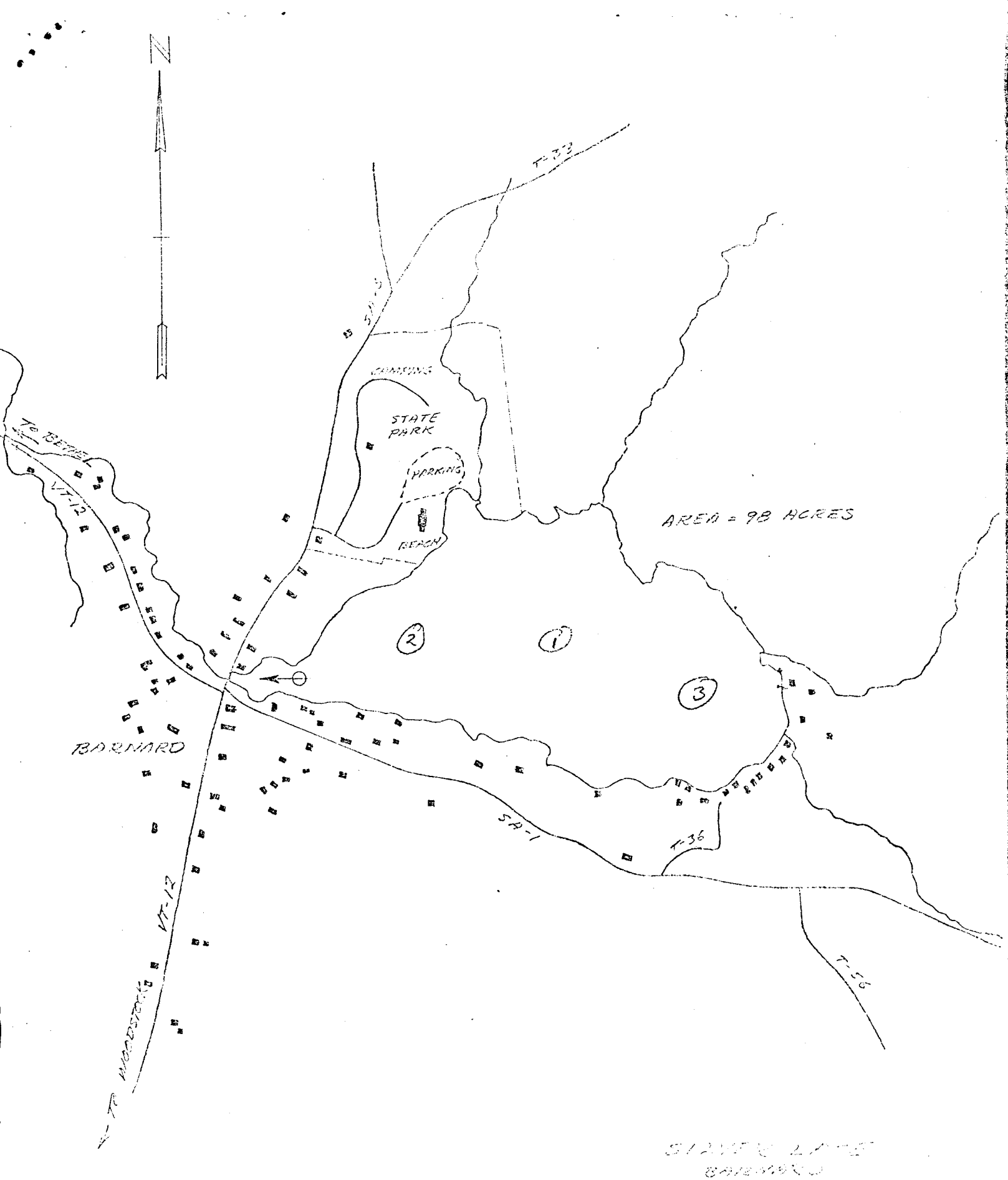
Access:
- Bank: R B D T C
- Poten: N Y
- Water: L C D B

Hydrology:
- Inlet: /
- Outlet:
- Control Structure: C S E W N
- Condition: G F P
- Ownership:
- Water rights

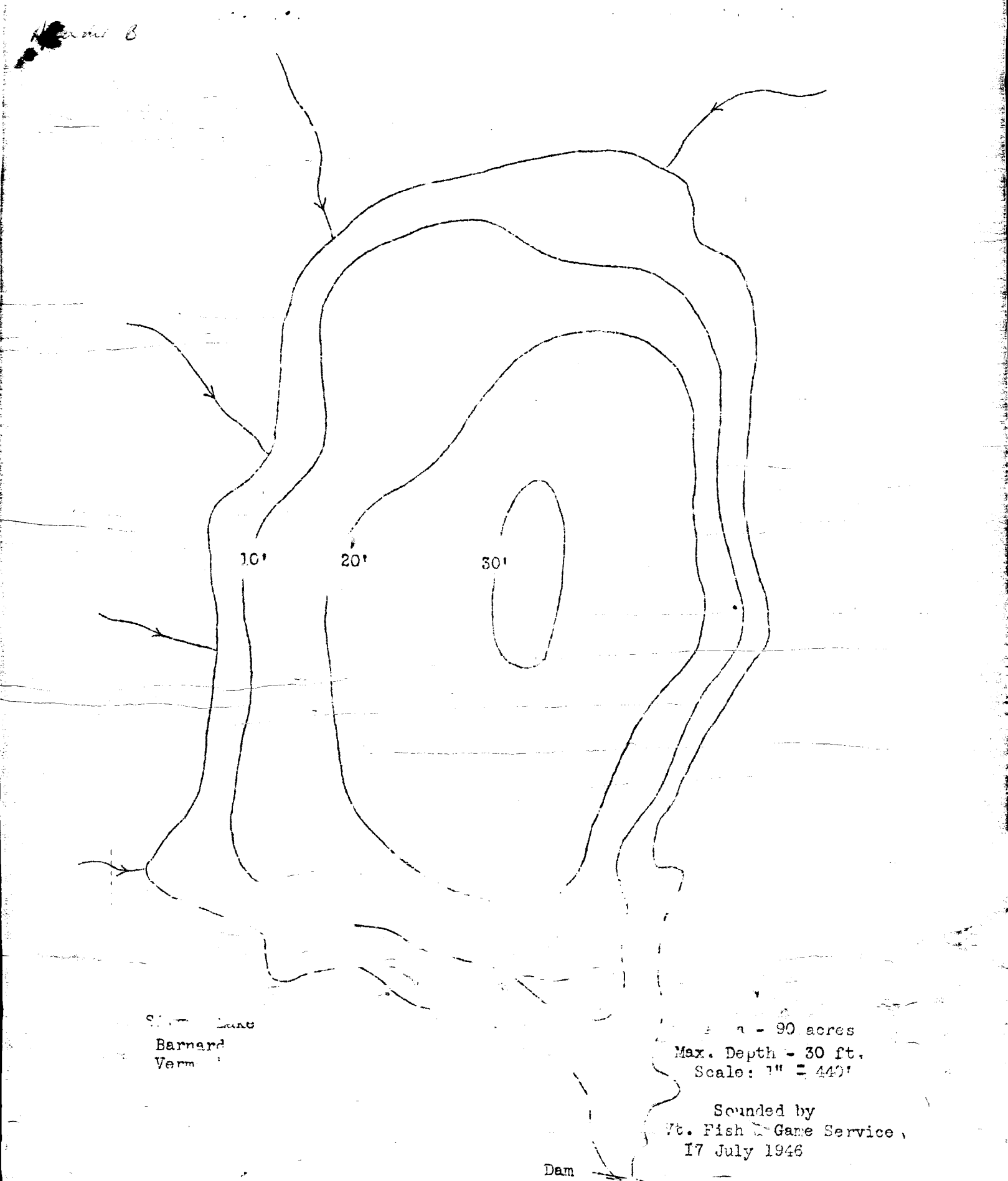
Adjacent Land:
- NAR Class: Forest
- Ownership:
- Use: No development
- Terrain: Moderately
- Unique Nat Features:

Wild Life:
- Habitats:
- Species:
- Sign:

Recreational Potential:
- Canoeing:
- Sailing:
- Boating:
- Motorbg:
- W. Skiing:
- Camping:
- Picnic:
- Beach:
- Swimming:



STATE PARK
BARNARD
1" = 780'
10/66 RJ



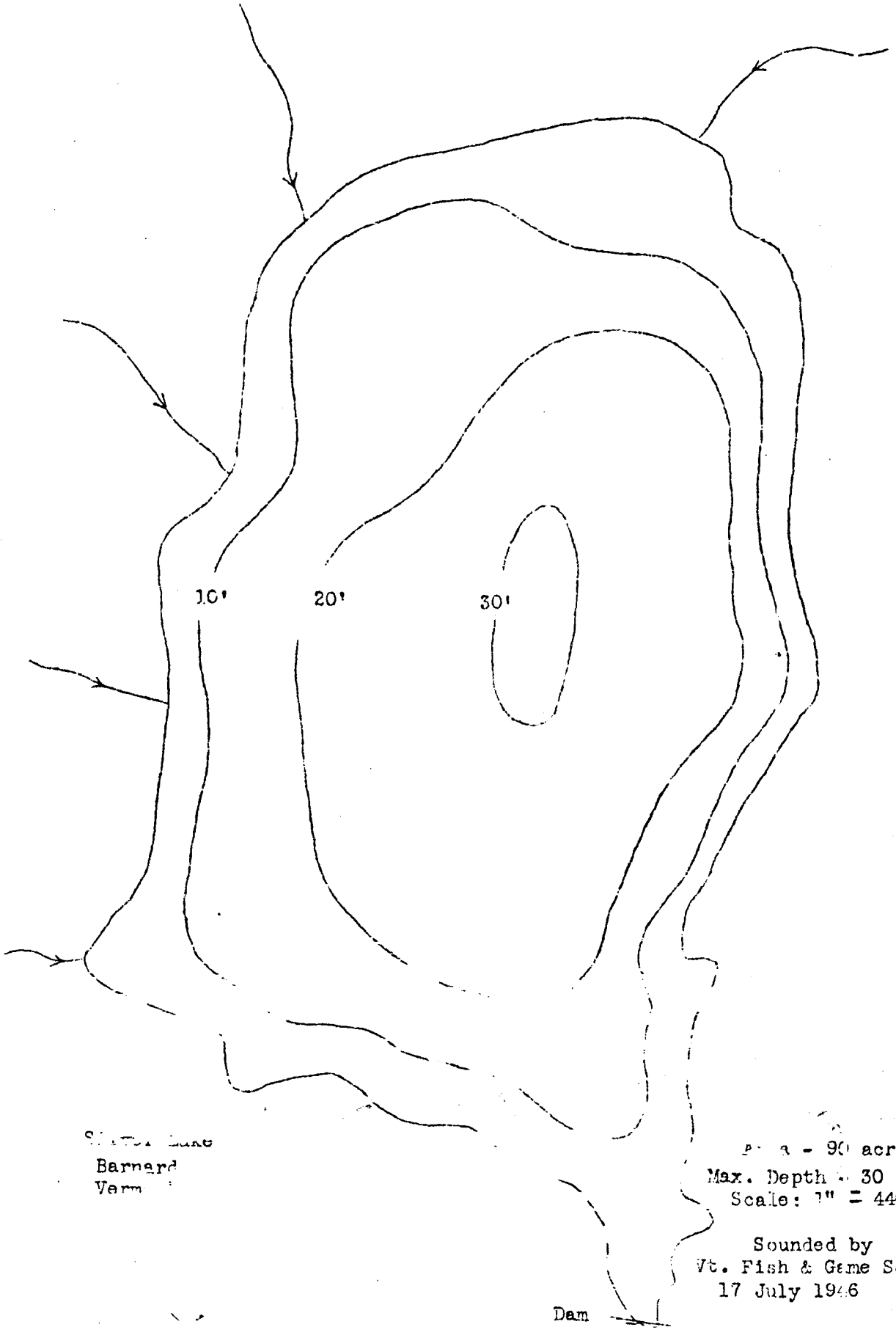
Barnard
Verm

- 90 acres
Max. Depth - 30 ft.
Scale: 1" = 440'

Sounded by
Vt. Fish & Game Service,
17 July 1946

Dam

Barnard 8



Barnard
Verm

Area - 90 acres
Max. Depth - 30 ft.
Scale: 1" = 440'

Sounded by
Vt. Fish & Game Service
17 July 1946

STATE OF VERMONT

Water Resources Board

Reconstruction of a concrete and earth fill dam at the outlet of Silver Lake in the Town of Barnard	Hearing on the Application of the Vermont Department of Water Resources

* *

PRELIMINARY FINDINGS OF FACT

After due notice in accordance with Title 10, V. S. A., Section 705, a public hearing was held by order of the Water Resources Board on application of the Vermont Department of Water Resources for authorization to reconstruct a concrete and earth fill dam for the purpose of impounding in excess of 500,000 cubic feet of water. This hearing was held in the Town Hall in the Town of Barnard, Vermont, at 2:00 P. M., Eastern Standard Time, on April 4, 1968.

Hearing was before the full Board. Reinhold W. Thieme, Commissioner of Water Resources, John E. Cerutti, Hydraulic Engineer, and Charles J. Bacon, Water Resources Project Engineer of the Department of Water Resources were present at the hearing and gave testimony in behalf of the State of Vermont. Richard E. DuBois, Consulting Engineer of the firm of DuBois and King, Randolph, Vermont, appeared and gave testimony on behalf of the applicant. Rodney A. Barber, Director of Parks, appeared and gave testimony on behalf of the Department of Forests and Parks.

Evidence in the form of testimony and exhibits pertaining to the reconstruction of the dam was received at the hearing. A record of the proceedings was made by tape recorder. The Board did not require that any of the testimony or evidence presented at the hearing be given under oath; there was no request by anyone present at the hearing that testimony presented be under oath and no person or party present objected to the receipt of testimony or evidence which was not under oath. All testimony and evidence received was unsworn.

In consideration of the testimony and the exhibits introduced, the Board, having jurisdiction to authorize the construction of dams within the State of Vermont not utilized in the generation of electric energy for public use or as a part of a public utility system and to conduct hearings thereon as more fully provided in 10 Vermont Statutes Annotated 705, makes the following findings of fact:

1. The Silver Lake dam is located in the Town of Barnard at the outlet of Silver Lake and serves a dual purpose as a dam and as a town road.

2. The Silver Lake dam does not relate to nor is it incident to the generation of electric energy for public use or as a part of a public utility system nor does the applicant contemplate such utilization.

3. Representatives of the applicant testified that title to the dam, and water rights, is presently held by the Town of Barnard. Title to lands surrounding the dam is held by several private interests. Negotiations are presently under way to secure such additional rights and title as are necessary to reconstruct the proposed dam in the name of the State of Vermont.

4. Plans and specifications dated March 7, 1968, as prepared by the firm of DuBois and King, Consulting Engineers of Randolph, Vermont, were presented to the Board, which plans and specifications were received in evidence at the hearing. (Exhibits 6 and 7)

5. A hearing in the vicinity of the town where such dam is to be reconstructed was duly set for April 4, 1968.

6. Notice of hearing was by mailed announcement sent to the Selectmen of the Town of Barnard. Notice was also furnished by mail to certain state and town officials and to other individuals known to have an interest, all of which notices were as directed and approved by the Board. (Exhibit 1)

7. The reconstructed dam will impound in excess of 500,000 cubic feet of water and will be utilized to provide a safe outlet structure, stabilized water levels, and to protect existing and future developments.

8. The dam will be reconstructed under the supervision of the firm of DuBois and King, Consulting Engineers, of Randolph, Vermont.

9. No additional lands, not presently inundated, will be flooded.

10. The town road crossing the dam will be affected for a temporary period during the reconstruction of the dam.

11. The dam will be reconstructed so as to provide a maintained surface water elevation at Silver Lake of 1,307.5 feet above mean sea level, U. S. G. S. datum, during the summer recreation season, and a surface water elevation of 1,306.0 feet above mean sea level during the winter or non-recreation season.

12. It is the intention of the applicant to reconstruct the dam during the period coming from September 1st to April 1st after Labor Day.

13. The staff of the Department of Water Resources testified that the plans and specifications had been reviewed and were deemed to be adequate to provide for the public safety, and the Board so finds.

14. The dam will be reconstructed with state and federal outdoor funds as a Bureau of Outdoor Recreation project with assistance from the Land and Water Conservation Fund, as a part of the State recreation plan.

15. It is found that the public good will be served by the reconstruction of the dam.

16. There were no objections to the project.

Interested parties are hereby allowed fifteen (15) days to file motions and to file requests for further findings.

Done at Montpelier, Vermont this 1st day of May, 1968.

VERMONT WATER RESOURCES BOARD

Chairman

Member

Member

DISTRIBUTION:
Original - Secretary of State
Carbons - Attorney General
Town Clerk, Barnard
R. DuBois, DuBois & King
R. Barber, Dept. of Forests and Parks
Copies - See attached list
Date - May 3, 1968

FORM DA-14

STATE OF VERMONT
REQUEST FOR APPROVAL OF POSITION

Request is Made to Authorize Position(s) Listed Below

Agency: **Dept. of Water Resources**

Date: **August 8, 1967**

No. of Pos.	Class Title of Position(s)	Pay Scale	Annual Salary	Hourly ~~or Daily~~ Rate	Man Days	Pos. Status Code	Pos. Control No.	Finance Code
1	2	3	4	5	6	7	8	9
1	**Attorney**		$300.	**12.00**		**S.A.**	**1775**	**14[illegible].021**

Request is Made for Authorization to Cancel Position(s) Listed Below

NO MATERIELS, SUPPLIES OR PARTS ARE TO BE PURCHASED UNDER THE AUTHORITY OF THIS DOCUMENT.

COMPLETE FOR SPECIAL AGREEMENT REQUEST

10

Name of Person or Firm

James W. Wright

Address

4 The Green
Woodstock, Vermont

Social Security Number

370-20-9116

Effective Date

August 21, 1967

Ending Date

September 25, 1967

CERTIFICATION OF THE ATTORNEY GENERAL

I hereby certify that the above request is not contrary to the spirit and intent of the classification plan and merit system principles and standards in accordance with Title 3 Vermont Statues Annotated Section 306 (10).

Louis P. Peck
Asst. ATTORNEY GENERAL

CERTIFICATION OF APPOINTING AUTHORITY

I hereby certify that this agency (has) (~~has not~~) the necessary funds available for the current fiscal biennium.

[signature]
Appointing Authority

APPROVAL OF THE EMERGENCY BOARD

Date:

Secretary of Civil & Military Affairs
(By order of the Emergency Board)

APPROVAL OF THE GOVERNOR

Date: AUG 31 1967

William J. Kearns, Jr.
Commissioner of Administration
(By order of the Governor)

POSITION STATUS CODE: PFT - PERMANENT FULL TIME, PPT - PERMANENT PART TIME, T - TEMPORARY, SA - SPECIAL AGREEMENT, E - EXEMPT

AGENCY COPY.

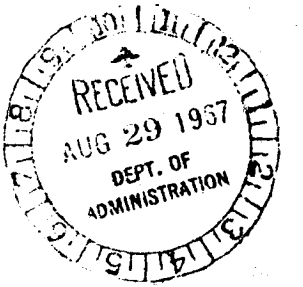
INSTRUCTIONS:

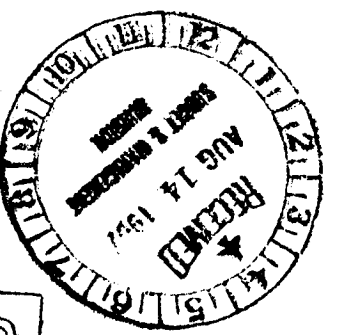
1. S oy of job description, PB-10, attached to t form for each permanent position re.. nporary and special agreement, incorpo duties and responsibilities in space below.
2. Include in column 6 the number of days actually to be worked for temporary, contractual and permanent part-time positions. Leave column 6 blank when requesting permanent full-time positions.
3. Place in column 7 position status code shown on front side (bottom) of form.
4. Leave column 8 blank.
5. Column 9 is composed of fund, function, program and object code outlined in Finance Division classification code.
6. When this form is used to request a special agreement, complete column 10 and leave column 3 blank.
7. Describe below in detail the need for the requested position. You should indicate the reasons such as increased workload due to normal or statutory increases or better quality of service, etc. Wherever possible workload should be shown in numerical units. Indicate source of availability of funds such as federal aid or surplus due to vacancies, etc.
8. Cancellation part of form is used for permanent positions only.
9. Please execute in quadruplicate and submit three (3) copies.

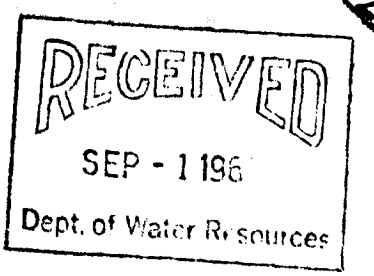
JUSTIFICATION:

It is hereby requested that a sum not to exceed $300.00 be approved for the purpose of searching titles on one parcel of land in the town of Barnard at outlet structure at Silver Lake, presently owned by Town of Barnard, together with such necessary legal costs as may be necessary to complete the search. It will also include such travel expense as may be necessary to the execution of the above named search, but will not in any event exceed the $300.00, nor will agree-/ment extend beyond the termination date of September 25th.

Funds are available to meet this expense.







...MENT OF ... ERIOR
...U OF OUTDOOR ... CATION

PROJECT PROPOSAL - C... ISITION

L... AVE
Date Re... to BP:
...ject Officer

Use this form for submission of individual projects for acquiring lands and waters or interests in lands and waters for public outdoor recreation purposes. If concurrent Development is being undertaken, check here [X]

SECTION 1

1. State or Territory	2. Name and address of agency responsible for project
Vermont	Department of Water Resources, State Office Building, Montpelier, Vermont

3. Project Title

Silver Lake

4. Brief description of project

The Department of Water Resources will acquire the dam and water rights at the outlet of Silver Lake in Barnard, Vermont.

This acquisition will allow the State to properly develop the site as outlined in the attached development proposal.

This acquisition is contingent upon the approval of the development phase.

5. Duration of project	6. Federal assistance requested	7. Recommended priority
from 4/1/67 to 12/1/67	$ 50.50	1-D

8. Name, Organization, and Title of individual having day-to-day responsibility for direction of project	9. Name and Address to appear on check
Charles J. Bacon, Department of Water Resources Water Resources Project Engineer	State of Vermont Interagency Committee on Natural Resources

10. TERMS AND CONDITIONS: In submitting this Project Proposal, the State hereby accepts the Terms and Conditions set forth in the BOR Grants-in-Aid Manual, which will be a part of the Project Agreement for any grant awarded under this proposal.

11. CERTIFICATION: As the official designated to represent the State and act for the State for purposes of the Land and Water Conservation Fund Act, I recommend that assistance be made available from the Fund, when monies are available, in accordance with the recommended priority. No financial assistance has been given or promised under any other Federal program or activity with regard to the proposed project. The State or public agency to be responsible for the proposed project has the ability and intention to finance its share of the costs of this project. The Applicant will not discriminate against any person on the basis of race, color, or national origin in the use of any property or facility acquired or developed pursuant to this proposal, and shall comply with the terms and intent of Title VI of the Civil Rights Act of 1964, P. L. 88-354 (1964), and of the regulations promulgated pursuant to such Act by the Secretary of the Interior and contained in 43 CFR 17.

(Signature) (Name)

(Date) (Title)

12. For State use

BOR 8-90
(August 1965)

DEPARTMENT OF THE INTERIOR
BUREAU OF OUTDOOR RECREATION

PROJECT PROPOSAL - LAND ACQUISITION

Leave
Date Rec'd in BP

Project Officer

Use this form for submission of individual projects for acquiring lands and waters or interests in lands and waters for public outdoor recreation purposes. If concurrent Development is being undertaken, check here [X]

SECTION 1

1. State or Territory: Vermont

2. Name and address of agency responsible for project: Department of Water Resources, State Office Building, Montpelier, Vermont

3. Project Title: Silver Lake

4. Brief description of project

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Charles J. Bacon, Department of Water Resources
Water Resources Project Engineer

9. Name and Address to appear on check

State of Vermont
Interagency Committee on
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(Signature) (Name)

(Date) (Title)

12. For State use

BOR 8-90
(August 1965)

SECTION 11

1. Nature and Extent of Use – A. For entire area in which acquisitions are to be made:

The general area is used for farming, hunting, fishing, and general summer recreation.

B. For area to be acquired:

General summer recreation.

2. BOR Classification of area II	3. Check one [x] New Site [ ] Addition to existing site	4. Location County Windsor Town Barnard Town population 435 Miles from Town 0
5. Total acres to be acquired 2+	6. Cover, acres in A. Forest ____ B. Rock ____ C. Cutover ____ D. Swamp ____ E. Grass 2 F. Desert ____ G. Water ____	
7. Topography, acres in A. Flat ____ B. Hilly 2 C. Rolling ____ D. Mountainous ____	8. Waterfront, feet on A. Ocean ____ B. Lake 100+ C. Stream ____	9. Roadfront, feet on A. Dirt ____ B. Gravel 150+ C. Paved ____

10. PARCELS TO BE ACQUIRED

PARCEL NUMBER	ACRES	ESTIMATED VALUE	NUMBER OF BUILDINGS	ESTIMATED VALUE	METHOD OF ACQUISITION	APPROX. DATE OF ACQUISITION	TOTAL VALUE
1	2	100.00	outlet structure		purchase	6/1/67	100.00
Adm. Interagency Committee on Natural Resources							1.00
FOR CONCURRENT ACQUISITION AND DEVELOPMENT PROJECT SUBMISSIONS					TOTAL ESTIMATED VALUE $		101.00

Total estimated acquisition value	101.00	Amount of Federal acquisition assistance requested	50.50
Total estimated development costs	35,148.00		
TOTAL	35,249.00	Source of remainder of funds	
Total amount of Federal assistance requested	17,624.50	Vt. B.O.R. Bond Issue (Act No. 150) Appropriation 1454.012	

Source of remainder of funds
Vt. B.O.R. Bond Issue
(Act No. 150)
Appropriation 1454.012

SECTION 111 – ATTACHMENTS

Attach, by reference number, the following supplemental documents necessary to process this Acquisition Project Proposal:

A–660–1 *Project Justification.* A. Description of how the proposed project is in accord with the State outdoor recreation plan and would help meet priority needs identified in the plan. Indicate how the natural beauty of the area will be preserved. B. Indicate other organizations consulted during formulation of this proposal. C. Plans for Operations and Maintenance.

A–660–2 *Maps and Charts.* A. Simple plot plan or map showing the total area to be acquired and its relationship to the surrounding area. Annotate any plans for streets, highways, waterlines, sewers, etc. to be located on or near the involved area. (Key to show location within State, County, or city.) B. Description of any improvements on lands to be acquired. C. Description of all legal rights to be held by applicant and any other person or organization.

A–660–3 *Agreements.* A. Agreements or arrangements made with other organizations for participating in the project, or in later operation and maintenance of the completed project.

The items shown below need *not* be submitted with the project proposal. However, during the course of execution of an approved project, the applicant should be prepared to submit them to the Bureau for review as follows:

A–660–4 Appraisal reports and other documentation of cost.

A–660–5 Satisfactory evidence of title (such as an opinion by the State Attorney General) for each parcel.

A–660–6 Five-year history of conveyances for each parcel listed in project proposal (name of parties involved, dates, interest conveyed and consideration).

A-66

A. Water [illegible] creation for the public is described [illegible] the Outdoor Recreation [illegible]n as having the [illegible] priority in the State. The need for conservation of la[illegible] [illegible]d outlets [illegible] described on page VI-13 of the plan.

Silver lake is in planning region [illegible] which is deficient in [illegible] supply at the present time. It [illegible] ated that on page VI-3 [illegible] the plan [illegible] nd pr[illegible]ty [illegible]for "mo[illegible]se b[illegible]s per resource than i[illegible] [illegible]ior". If new water surfaces are requ[illegible]d to fulfill the recr[illegible] [illegible]eds of the public in this area, it is obvious that we sho[illegible] take every precaution to pr[illegible]t what we now have

The acquisition of the present outlet structure of Silver Lake will meet these priorities by allowing the development and proper maintenance of a new structure to insure that water levels are properly controlled in the future. The planned development of this site is outlined in the attached development proposal. Money is not available from other sources to reconstruct or maintain this structure.

B. All natural resources agencys were consulted during the formulation of this proposal.

C. The State of Vermont through the Department of Water Resources will plan and carry out the operation and maintenance of the structure with funds appropriated by the Legislature.

A-660-2

A. Attached

B. See attached Development Proposal.

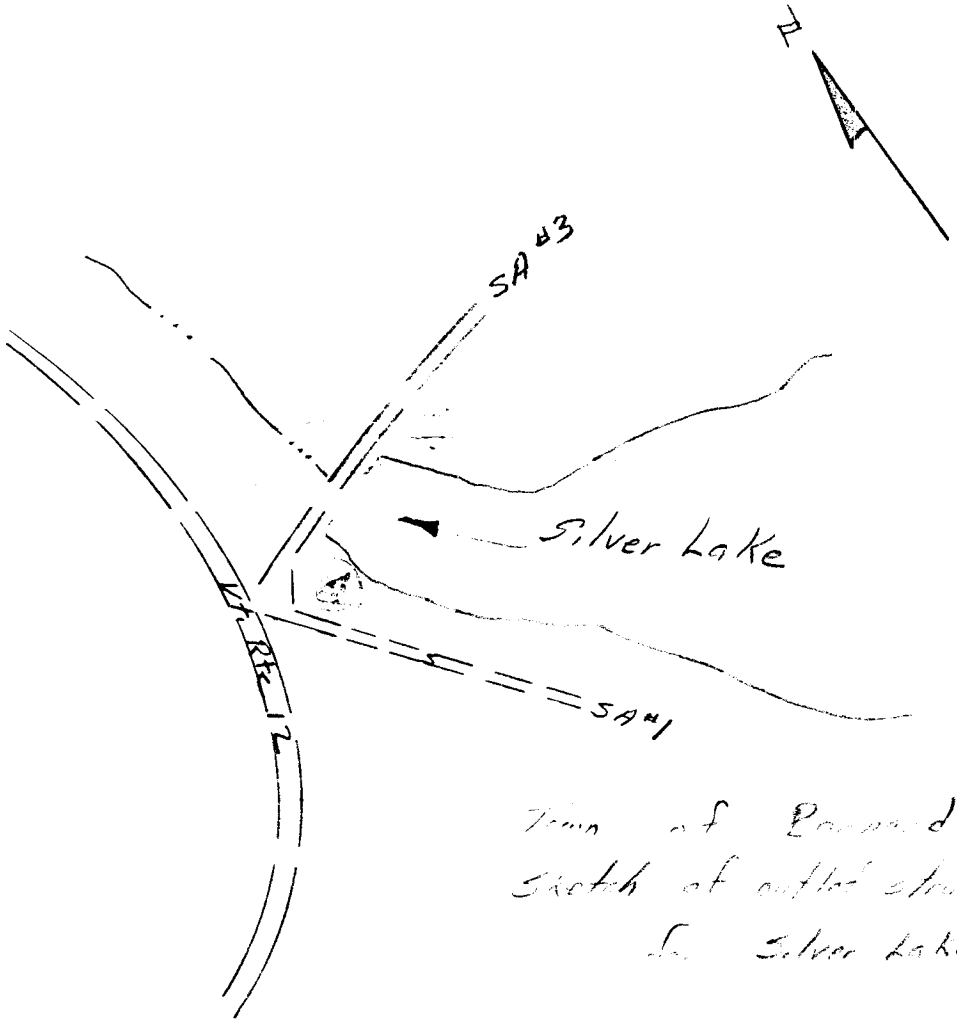
C. See attached Development Proposal.

A-660-3

A. No other organizations will participate in this project.

A-660-4 through A-660-6 This information will be furnished as the project develops.

2-8-68



Town of Bernard VT
Sketch of outlet structure in
S. Silver Lake

WATER RESOURCES DIVISION

REINHOLD W. THIEME, P. E.
COMMISSIONER OF WATER RESOURCES



STATE OF VERMONT
DEPARTMENT OF WATER RESOURCES
MONTPELIER
05602

A

OWNER Harry W. Hull and Naoma A. Hull
and Ralph L. Lessard and Joan H. Lessard

from James H. Maynes Jr. and Margaret D. Maynes
WD 24 May 1960 Bk 33 Page 45

Address: Barnard, Vt. Own & operate the store!

The property lines near the dam are not clearly defined except that one deed refers to the high-low water mark.

Talked with the Hulls and Joan Lessard on 2-7-68. they are very pleased to have the project and are willing to have a clearly defined property line and also give rights necessary for construction & maint etc.

1

B

OWNER

Elizabeth Mussay Salvo — Husband - Bernard is deceased.
also & he'd married Sawyer

from

Jennie L. Thayer (to Elizabeth Mussay)

W.D. 12 Sept. 1944 Bk 29 P. 381

Address: summer - Barnard, Vt. or
Grove St. Wilder, Vt. Tel 295-7146 (Grover?)
P.O. Box 383, White River Jct.

winter - New York

Note: Caretaker is Dwain Manning ~~Barnard, Vt.~~

The property lines are not clearly defined.

She acquired the dam etc at the same time as the above conveyance, but later assigned the dam etc to the Town of Barnard. That conveyance was vague as far as the actual property lines are concerned.

~~Unable to [illegible]~~

She available any day except Monday and Thursday

See Leslie Newell - Bayville (Bethel) - he surveyed the land on N. side of Rd. 234-2206 - called - call back next week he will look @ his records

Re: Silver Lake

Dear ~~Sir:~~

During the past year there have been several significant breakthroughs in the plans for reconstructing the dam and outlet structure at Silver Lake in Barnard, Vermont. It is our understanding that you are a landowner on the north shore and as such, you no doubt have an interest in whatever is done to this structure.

The present plans of improvement consists of repairing the dam, installing new culverts under the road, and paving the road by the dam. These improvements have long been considered necessary due to the deteriorated condition of the dam and the fear of the entire road being washed away during periods of high water or floods. Apparently, many camps are also flooded when the water is high.

The present ~~and previous~~ owners (Town of Barnard ~~and private owners~~) ~~have~~ been unable to raise sufficient funds to do the necessary work in the past. Efforts are now being made by the Department of Water Resources of the State of Vermont to do the work with funds from the State of Vermont and the Federal Government through the Bureau of Outdoor Recreation.

However, before any work can commence it is desirable that the property lines and necessary rights of entry for the work be secured. To date, we have not been able to ascertain the exact location of property lines in the vicinity. If either you or perhaps someone who is familiar with this can assist us in locating the property lines, it would be greatly appreciated ~~be~~. Perhaps you may have a map available which would help, or if you expect to be in Vermont before next summer, we would be glad to have someone meet with you to discuss this further.

Sincerely,

MJR

Charles J. Bacon

C.

OWNER ?

The town of Barnard does not at present tax anyone for this piece of land. It is assumed that most of it is within the Hwy ROW, and the remainder is practically worthless due to its steepness and inaccessibility.

The following information has been ascertained:

1. This piece of land was included in a warranty deed from Hadley to Frank H. Thayer dated 22 July 1914 Bk. 26 page 128 at the time, this was owned by the ~~same people who owned~~ the store (now owned by Hull & Lessard.) It was not conveyed with ~~the store~~ property. There are many conveyances from ~~Frank Thayer, but none~~ were found to include this property in question (Searched by Charles Bacon). It was known as 'Shuter Law Office lot'. Also, there was a garage on the land up to about 1945±, which was ~~operated by~~ run by Ray Potwin, who is believed to be living now in North Pomfret, Vt. See Back of next page

2. The highway project plans (F 142(2) 1952) shows this land as belonging to Dorothy Thompson Kopf. About that time, she owned the land on both sides across the road. She was widow of Sinclair Lewis, and later married Mr. Kopf. She died in 1960±, and her estate probate records are in Woodstock (Windsor County Probate Court.) There was no real estate in the Town of Barnard mentioned in her estate, and the property she

owned across the road from the parcel ~~[illegible]~~ was sold to Harold E. Crane and Catherine M. Crane of Flushing, N.Y. (156-10 43rd St.) on Dec 16, 1955, and recorded in Bk 32 P. 121-122 Dorothy Thompson Lewis acquired that property from Edward D. Douglas and Julia Douglas by WD dated 27 July, 1936 and recorded in Bk 29 Page 24. This deed does not have any reference to the parcel "C" on the sketch, and there are no other deeds which lead to speculation that she owned this land. Her atty was Elizabeth Sherburne Rose of Woodstock, and she has all her records. Her probate records are in Vol 116, P. 28-32 of the Windsor County Probate Records. There appears to be no need to pursue this possibility further and therefore assume that there was an error in putting the name on the Highway plans.

3. At one time, a Carl Hathon owned a garage there (Possibly) according to Hall's store clerk of the sheet

2-29-68

28/154 WD Nov 1936 (1948 ±)
M. Arthur Poturin to Dorothy Thayer. Lot in
"the Silver Lake Garage" property in the Village of Bryn Mawr

28/25 WD 5 Oct 1932
Raymond C. Poturin to M. Arthur Poturin

~~27/505~~ Adm D. 18 April 1927
Cl. to E. Cody (Adm of ~~Col~~ Byrn. C. No. 11. Est. to Raymond C. Poturin
26/137 WD 28 April 1916
~~[illegible]~~ to [illegible]
Frank H. Thayer [illegible] Thayer

26/128 WD 22 Sept 1914
P. Log B Hadley } to Frank H Thayer
Parrish N. H. Fry }
"Streeter Law-Office"

27/604 Q.C. Aug 26, 1922
Ca C. L. Hoffman to Byron C. Hoffman Est in name of C. E. Cody
(Byron is father of Carl C.)

D

OWNER

Town of Barnard

Elizabeth Murray assigned to Town of Barnard on 24 May, 1947 Bk 30 Page 107 the responsibility to the dam. Accepted by the Selectmen J. E. Long, A. B. Hill, D. C. Whitcom

Very vague document. Has water rights included.

1. Section 3655 a. (a). Taxation of State Land - Assessment.

Assessed at fair market value and listed separately and apart from other property in a town's grand list book. (If this fair market value is greater than ten per cent of total grand list, see special condition.)

2. Section 3614. Listed value for taxation.

Use listed value of $4.00 per acre. (This means a fair market value of $8.00 per acre.)

BY AJR DATE 2-27-67 SUBJECT Silver Lake Dam, Barnard, Vermont SHEET NO. 1 OF

CHKD. BY DATE JOB NO.

LINE STA	BEARING	LENGTH	LATITUDE N	LATITUDE S	DEPARTURE E	DEPARTURE W
A E	S 25°33'00"W	122.42		.90196 114.93		.43182 55.02
B C	N 38°39'00"W	185.40	.78078 144.79			.62456 115.79
C D	N 62°51'00"E	47.85	.45632 21.83		.88981 42.58	
D E	S 60°04'30"E	108.92		.49886 54.34	.86668 94.40	
E F	N 39°53'30"E	10.00	.76726 7.67		.64134 6.41	
F H	S 79°54'00"E	27.79		.17537 4.87	.98450 27.36	
		507.38	174.29	174.14	170.75	170.81

.15 .06

$e = \sqrt{.15^2 + .06^2}$

$= \sqrt{.0225 + .0036}$

$= \sqrt{.0261}$

$e = .162$

$\frac{.162 \times 6.173}{507.38 \times 6.173} = \frac{1}{3,132}$

78.5
30.37
18.92

JAMES H. + MARG. D

HULL + LASARD FROM MAYNES BK 33 P. 45

STORE + LOT

PLUS LOT OF LAND AS FOLLOWS;

PARC. OF L ON SH. OF SILV. LAKE + DIRECTLY ~~ACROSS~~

THE SO CALLED "STAGE RD." FR. STORE BUILD. + ...

BNDED WLY BY HWY.; NLY BY SHORE OF SIL. LAKE,

+ CONTINUING IN AN ELY DIR. TO A PT. IN A DIRECT LINE

WITH THE IRON PIN ON BOUND OF FIRST MTNT. ST. PROP.;

THENCE ALONG S-CAL. STAGE RD. TO PT. OF [illegible]

ALSO (WATER [illegible] AS THAYER, VELMA B. TO WALTER A + EDITH M [illegible]

CONV. BY DEED FROM deGIACOMO + PRICE

JAMES H + MARG D MAYNES FROM WALLACE deGIACOMO GEO. H. + PRICE B32,

Bk 29 P 24

THAYER TO MILLER BK 32 P. 37
BK 29 P 490

DOROTHY THOMPSON KOPF

BK 30, P. 178
" 30, P. 250

CF.
HAROLD E + CATHERINE M CRANE DEC 55 TO PR.
BK 32 P. 121-122
" " P 180-181
} NOTHING

This is not the one of the lot!!!

2-7-68 ASR Edward D. Douglas & Lulu Douglas 1st [illegible]
to Dorothy Thompson Lewis 2nd [illegible]
Bk 29 P. 24 †died about 1960+
27 July 1936 then ? no decree of dist.

[illegible]
10 Dec 55 32/119

26/128 or 9 (Store)

WATSON, BLENDA B.

BK 33 P 325

MUZZY

Bk 28 P. 137

✓ 28 P. 117

Bk 27 P. 146

RBR

Central Vermont Public Service Corporation

December 21, 1993

State of Vermont
Dept. of Water Resources
103 So. Main St.
Waterbury, Vermont 05671-0407

Dear Bob:

Enclosed please find the latest print of CVPS Pole #229 of Line #1, located at the intersection of Vermont Route #12 and Town Highway #3 in Barnard, Vermont. It appears that this will be the final staking and the line will be built as shown on the enclosed print.

We will be looking for the proper permitting for this pole so if you need any additional information, please contact me and I will see that it is forwarded to you.

I can be reached by calling 1-800-428-2877, ext. 5651.

Sincerely,

Charlene M. McNeil

Charlene M. McNeil
Right of Way Agent

Encls.

To Ed Leary 12/23/93

77 Grove Street,
Rutland, Vermont 05701
802-773-2711

CV 1988

PROPOSED SCHEDULE

R.O.W. To Be Acquired By BRAND

R.O.W. Acquisition Date 3-(-93

Work Order Date 4-1-93

Construction Start Date

Highway Cut Permit Date

Pole / Anchor Guys To Be C.V. Contractor

Line Const. By C.V. Contractor

PASS to SEC. IN N.S.P.

TERMINUS

CALL CUSTOMER BEFORE TRIMMING SPACE MADE BEHIND P. 233 & 234-9757

USE "SELECTIVE TRIMMING"

CU.233 *50'
45
CL2
234
40
D4 to 34-D4

TEL. 142
CU.235 *17'
40 (83)
CL4 OH SENSITIVE EQUIP.
17.5' CALL CUST. IF POWER GOING OR TO WILL BE OFF 457-1928 or 234-5820 BEFORE 9 AM
34-D4

237 *38'
40
CL4 ▲ T.S.
24'd
34-D4

236
30

LILI-CHARLOTTE SARNOFF
DANIELA SARNOFF BARLEZI
CU1593-0/31/93
POLE 231 (STUB GUY)

ADD 12'
STUB
35
CL5
12'OH

UNIVERSALIST CHURCH

CU.229
RET.

228
45
CL3
27'd
34-A4A

STUB
35
15
STORE

242'

ADD SPAN GUY

ADD P.B.

LIBRARY S.OK

FIRE HOUSE S.OK

230 *10'
40
CL4
25'd
34-D1

231 *12'
40 T.S.
CL4
22'd
34-D1

232 *8'
40
CL4
25'd
34-D1-1T

234 *31'
40
CL4
22'd
34-D4

LANDS OF OLMSTED
T.S.

LANDS OF STEWART
TEL. 141
CV 236 *21'
40 (83)
CL4 OH
27'd

LANDS OF BARNES

LOUISE PORTER
CV/NET HWS 61-06/14/93
℄ to P.237 to ℄ &
℄ to P.239 to ℄

238
40
CL4
22'd
34-D4

CTH #1 ℄ to ℄

VIRGINIA M. GREEN
CV/NET HWS 61-05/14/93
℄ to P.233 to ℄ (VT. PT. #1)
POLE #1 (STUB) RET.
FIRE STONE O.A.

539'E

CTH #1

(150')

S36'E

VIRGINIA M. GREEN
CV/NET HWS 61-05/14/93

3φ ½ PRY LINE #16

C.U.1
40 ½ (?)
*03'
15'd

6 PRIOR TO RT. 1

SPLICE IN 50' 3φ ½ PRY

CU.230/RET.

SILVER LANE

NORTH ROAD

LINE: "BOOM PAGE: # 75

CU.1
35 (51)
D1 OK

(170')

TRANS. 0-2 RETIRING 15'

229 *126'
45
CL3
16'd
2' BK GUARD RAIL
22' OFF FIRE HYD.
34-A5A-1T-1T
FRAKE

ETHEL HIRSCHLAND

Charles P. Danforth Public library
CV/NET HWS 61
06/14/93
℄ to P.231 to ℄

CALL CUST. IF POWER GOING OR TO 457-1928 or 234-5820 BEFORE 9 AM

CERTIFIED J. WILSON
CV/NET HWS. 61-06/15/93
℄ to P.233 to ℄

HERBERT J. WILSON
CV/NET HWS. 61-06/15/93
℄ to P.233 to ℄

VIRGINIA P. BANCROFT ℄
CV/NET HWS. 61-06/14/93
S.OK. ℄ to P.235 to ℄

WILLIAM F. DEEGAN
SALLY J. DEEGAN
CV/NET HWS. 61-06/14/93
T.S.
℄ to P.238 to ℄
P.238 to P.238-A

NORTHERN UNIVERSITY
CV/NET HWS. 61
06/14/93 ℄ to P.234 ℄ to ℄

THOS. J. McGUIRE
ELIZ. G. McGUIRE

CV/NET HWS 61
06/03/93
℄ to P.232 to ℄

DEPT.

T.S.

STATE OF VERMONT
HIGHWAY PERMIT
OCT 12, 1993

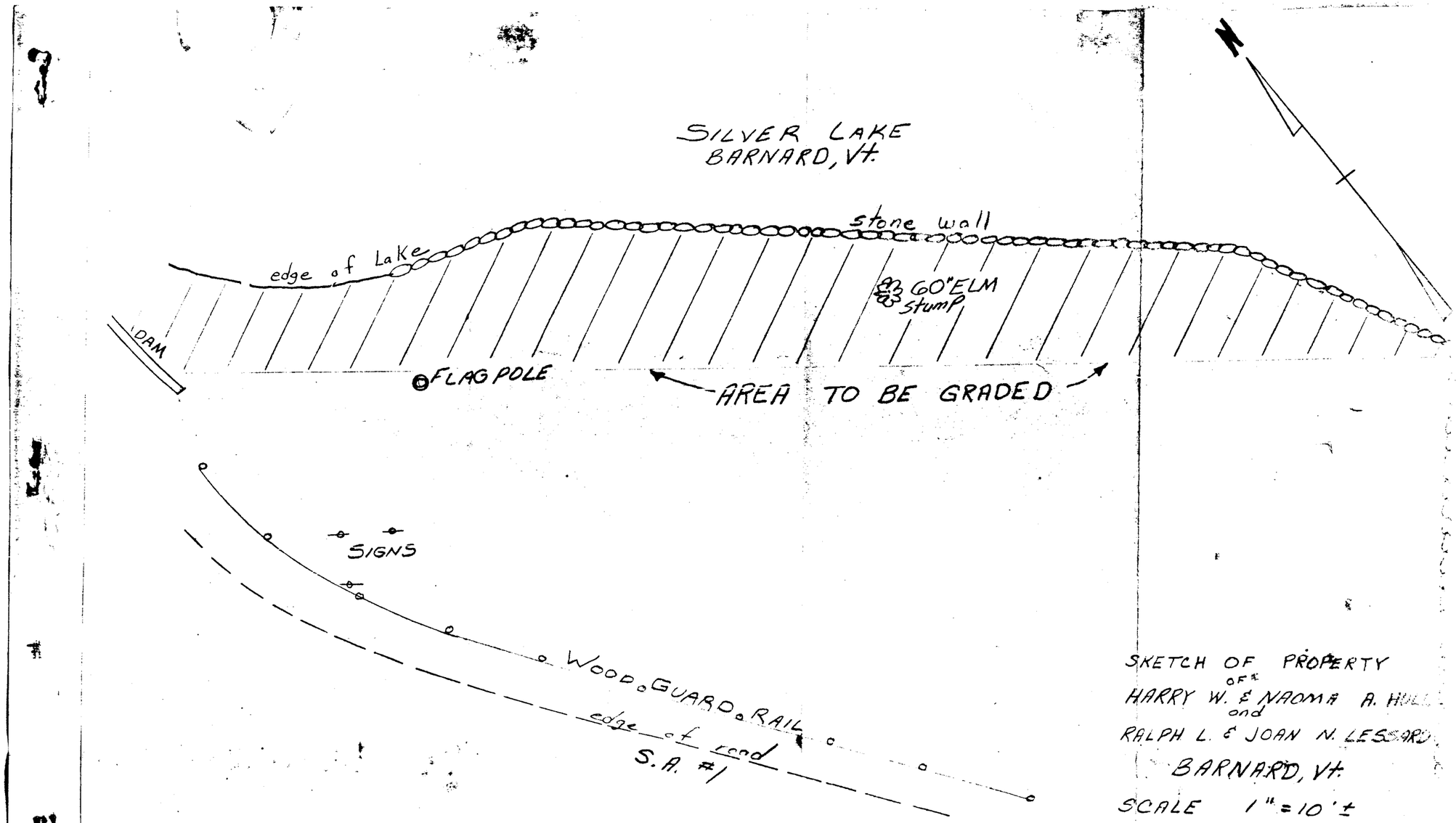
SEE NOTES RE SAFETY, CONSTRUCTION, TRIMMING, pole removal, etc.

TO BE COMPLETE BY Dec 1, 1994

NOTE:
OPERATIONS ENGINEER TO LOCATE TRANSFORMERS

MAKEPEACE

SILVER LAKE
BARNARD, Vt.



SKETCH OF PROPERTY
OF
HARRY W. & NAOMA A. HULL
and
RALPH L. & JOAN N. LESSARD
BARNARD, Vt.
SCALE 1" = 10' ±
By A.J. Rouleau 11/4/68

TEMPORARY EASEMENT

KNOW ALL MEN BY THESE PRESENTS THAT

Harry W. Hull
Naoma A. Hull
Ralph L. Lessard
Joan N. Lessard

of Barnard, in the County of Windsor and State of Vermont, Grantor, in the consideration of One ($1.00) Dollar paid to our full satisfaction by the State of Vermont, a sovereign state with capital at Montpelier, County of Washington, grant a temporary easement to enter upon our property located on the southwesterly side of Silver Lake to remove the stone wall and stump on said property, and to grade the said land for the purpose of improving the appearance of the lake shore as indicated on the attached sketch of property.

This easement terminates when the above described work is completed or on June 30, 1969, whichever date first occurs.

It is understood and agreed that the State of Vermont will not be responsible for reseeding the land graded or making other improvements on the property.

IN WITNESS WHEREOF, we hereunto set our hand and seal this 31 day of January A.D. 1969.

In Presence of

Ralph E. Patterson

Frances N. Killam

Harry Hull LS

Naoma Hull LS

Ralph L Lessard LS

Joan N Lessard LS

Approved as to form

Assistant Attorney General

State of Vermont)
) ss.
County)

At _____ this _____ day of _____ A.D. 1968, Harry W. Bull, Naoma A. Bull, Ralph L. Lessard, and Joan W. Lessard personally appeared, and they acknowledged this instrument, by them sealed and subscribed, to be their free act and deed.

Before me, _____

Approved as to Form

_____

VERMONT PROPERTY TRANSFER RETURN.

No. 7967

TRANSFEROR(S) (Seller or Grantor)

	Full Name	P.O. Address	Soc. Sec. No.
1.			

TRANSFEREE(S) (Buyer or Grantee)

	Full Name	P.O. Address	Soc. Sec. No.
2.			

THE PROPERTY

3. Location (such as "173 Maple St., Burlington," or "The Smith Farm, Old Mill Road, Tunbridge"; If the property is located in two towns, please list both).

4. Interest acquired by transferees (such as "fee simple", "life estate", etc.)

5. Approximate land size: Acreage: _____ or Lot Size: Front _____ Depth _____

6. Brief description of buildings, if any (such as "house, barn and outbuildings", "store", "filling station" or "factory and warehouse").

7. Which of the following categories best describes the use of the property before transfer and the proposed use of the property by transferee: RESIDENTIAL, OPERATING FARM, COMMERCIAL, INDUSTRIAL, CAMP or VACATION, TIMBERLAND, GOVERNMENT USE, OTHER.

Use before transfer: _____ Proposed use: _____

THE PRICE

(Do NOT complete this section if transfer was a gift or was for nominal consideration).

8. Price paid for the property (including the value of any notes, property, stocks, bonds, etc. given to transferor, and the value of any mortgages or liens assumed by transferee). $

9. Fair market value of any personal property received by the transferee in consideration of the amount shown on Line 8. $

10. **SALES PRICE** (Line 8 less Line 9). $

THE VALUE

(Complete this section if transfer was a gift or was for nominal consideration).

11. **FAIR MARKET VALUE** of the real property transferred. $

TAX

(Complete either this section or the following one).

Tax computation: One tenth of one percent (0.1%) of the amount entered on Line 10 or Line 11, but NOT less than $1. (For example: If the sales price is $12,246, the tax due is $12.25; if the sales price is $950, the tax due is $1.00).

12. **TAX PAYMENT DUE** (Make checks payable to the "Vermont Department of Taxes"). $

EXEMPTION

(Complete this section only if transfer is claimed to be exempt from property transfer tax).

13. Exemption claimed: _____

SPECIAL CIRCUMSTANCES

14. Were there special circumstances in the transfer which suggest that the sales price of the property was either more or less than its fair market value (such as the fact that the transfer was a forced sale or was between members of the same family, or between related corporations, or between a corporation and its stockholders)?

☐ No ☐ Yes

15. If your answer on Line 14 was "Yes," please explain: _____

OATH OR AFFIRMATION

16. Under penalties of perjury, we hereby swear or affirm that we have each examined this return and to the best of each of our knowledge and belief, it is true, correct and complete.

Transferor(s) (Seller or Grantor)

(1) _____

Subscribed and sworn to before me this _____ day of _____, 19 _____

_____

(2) _____

Subscribed and sworn to before me this _____ day of _____, 19 _____

_____

Transferee(s) (Buyer or Grantee)

(1) _____

Subscribed and sworn to before me this _____ day of _____, 19 _____

_____

(2) _____

Subscribed and sworn to before me this _____ day of _____, 19 _____

_____

FOR OFFICIAL USE ONLY.

ACKNOWLEDGMENT

VERMONT PROPERTY TRANSFER TAX 32 V.S.A. CHAP. 111

ACKNOWLEDGMENT

RETURN NO. 7967

SIGNED Hazel R. Dakin
CLERK

DATE July 19, 1968

RETURN RECEIVED - TAX PAID

RECEIVED
Dept.

April 2, 1968

ABSTRACT OF DEED

Elizabeth Mussay to Town of Barnard
Book 30, Page 107 - Barnard Land Records

Silver Lake Dam and Gate

To the Selectmen
Town of Barnard,
Vermont

Gentlemen:

For the sum of one dollar, receipt of which is hereby acknowledged, I assign to the Town of Barnard, Vermont, whatever rights and title I may have in the dam at the outlet of Silver Lake in that town, together with the gate controlling the flow, and all of the structure necessary to the operation of this dam and gate.

It is understood that I am to be completely relieved of any personal responsibility for its maintenance and repair.

Respectfully,

/S/ Elizabeth Mussay

(Miss) Elizabeth Mussay

Barnard, Vermont
May 24, 1947

Accepted for the Town of Barnard

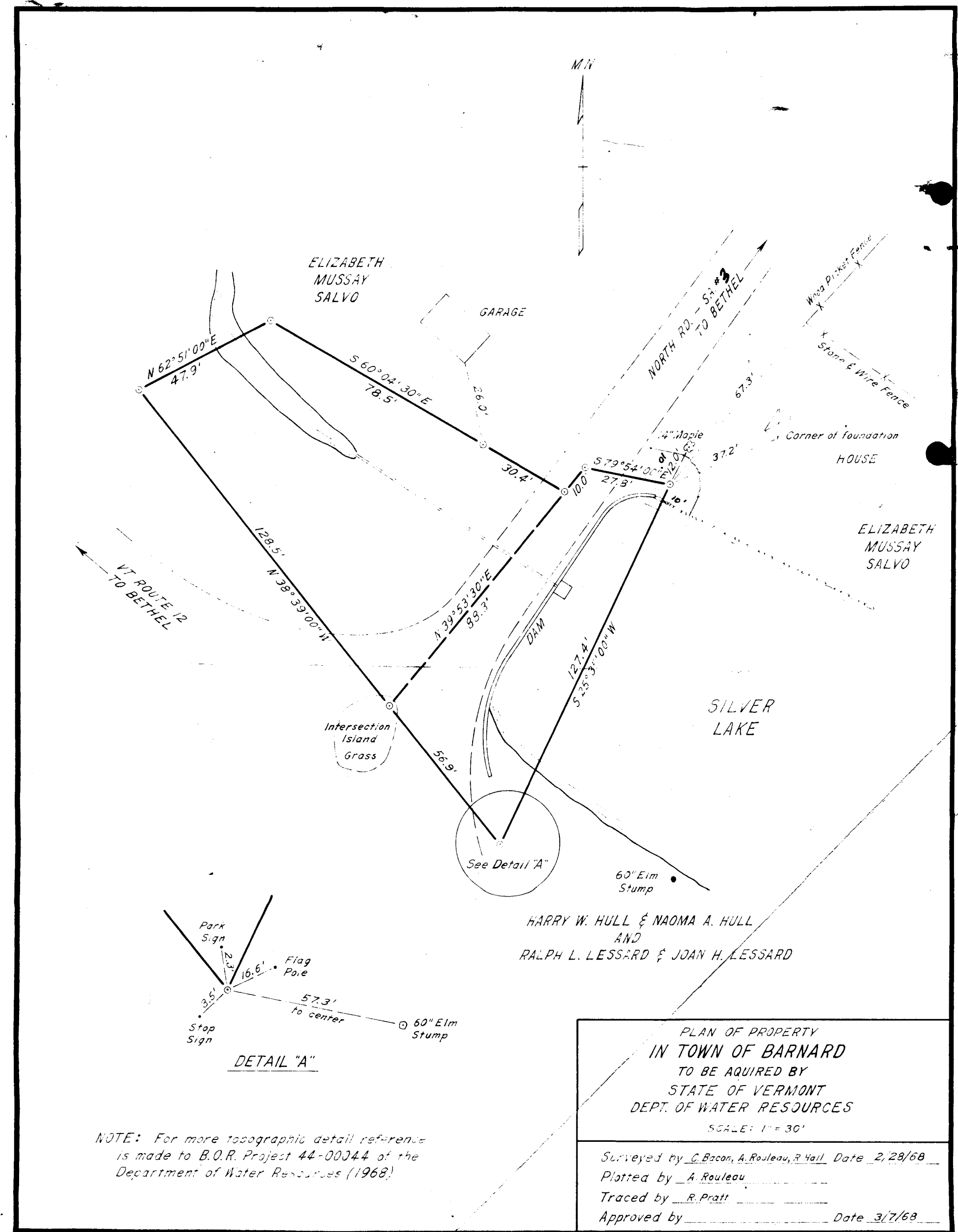
/S/ J. E. Long

/S/ A. B. Hill

/S/ P. C. Hathorn

Selectmen

4-2-68 Consulted Mr. Empie, Atty Gen Office
re. above & was told the said we should get
complete abstract with acknowledgement etc.
It appears that this instrument might not be proper,
but in the open belief that the Town owned
it from 1947 it is safe to say
the dam & pond would get
Town consent & we would get
the deed from the Town
The person getting a deed



NOTE: For more topographic detail reference is made to B.O.R. Project 44-00044 of the Department of Water Resources (1968)

PLAN OF PROPERTY
IN TOWN OF BARNARD
TO BE AQUIRED BY
STATE OF VERMONT
DEPT. OF WATER RESOURCES
SCALE: 1" = 30'

Surveyed by C. Bacon, A. Rouleau, R. Hall Date 2/28/68
Plotted by A. Rouleau
Traced by R. Pratt
Approved by _____ Date 3/7/68

We, the undersigned, property owners of the Town of Barnard, respectfully request that when the bridge and dam at Silver Lake in the Village of Barnard is reconstructed, that piping facilities be provided so that water from the Lake can be used in the future for public fire protection of homes in the Barnard Village area.

Joseph Oakland	Barnard Fire Dep Chief
W. W. Cobb	
Cora R. White	Barnard, Vermont
[illegible]	[illegible]
Lenore A. Foster	Barnard, Vt.
Stanley L. Olmsted	Barnard, Vt
[illegible]	Barnard Vt.
Hazel Davis	Barnard Vt
Theodora Keith	Barnard, Vt.
Marie de Giacomo	Barnard Vt.
Elizabeth B Cook	Barnard Vt 05031
Edeen J Wilson	" "
Edna A Bennett	" "
Elizabeth M. Sawyer	" "
[illegible]	[illegible]

EXHIBIT

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Joseph Cahland	Barnard Fire Dep Chief
W. W. Cobb	
Cora A. White	Barnard, Vermont
[illegible]	Barnard Vt.
Lenore C. Foster	Barnard, Vt.
Stanley P. Olmsted	Barnard, Vt
Raymond Dugan	Barnard Vt.
Hazel Davis	Barnard Vt
Theodora Keith	Barnard, Vt.
Marie A. Giacomo	Barnard Vt.
Elizabeth B Cook	Barnard Vt 05031
Eleanor J Wilson	" "
Edna A. Bennett	" "
Elizabeth M. Sawyer	" "
[illegible]	" "

EXHIBIT