



Received

APR 15 2016



VTrans
PDD-LTF

FY17 Vermont Better Roads Grant Application

Please complete this page ONCE and return with your Grant Category Application(s)

Town/Organization: Bloomfield Contact Person(s): Mike Belknap

Address: PO Box 336 No. Stratford, NH 03590
Street Address Town Zip

Email: ilogvte@aol.com Phone: 802-962-5184

DUNS #: 019510036 Fiscal Year End Month (MM): Dec 31

Accounting System: Automated Manual Combination

Please use the suggested documentation checklist below to ensure that all of the relevant items regarding your application have been included.

- Grant application cover sheet (Only submit one)
- Grant application form (One per category/project)
- Itemized Cost estimate for labor, equipment, and materials (see enclosed Cost Estimate Worksheet). If applicable, please break down funding by source (i.e. different grant sources)
- Project Location Map (please show location of affected water)
- Sketch of proposed erosion control measures or other management practices, including distances in feet
Also show approximate location of town/other right-of-way and/or property lines
- Photo(s) of the project area
- Letters of Support (RPC, VTrans District Technical Staff, ANR Rivers and Streams Engineers, etc.)
- If Category C River/Road Conflict or Category D River/Stream Structure or Culvert, you must attach ANR/ACOE consultation

Vermont Better Roads Grant Program Application

Please complete one application per category and/or project you are applying for. You may make copies of the application for multiple applications per category and/or multiple categories.

Please check the Category you are applying for:

- B. Correction of a Road Related Erosion Problem and/or Stormwater Mitigation Retrofit for both gravel and paved roads
- C. Correction of a Stream Bank or Slope Related Problem
- D. Structure/culvert upgrades

Town/Organization: Bloomfield

Project Name: Mill Brook Bank Stabilization

Road Name: Mill Brook Rd TH #: 2 Structure # (if applicable): _____

Road Type: Paved or Unpaved (circle one) Curbed or Uncurbed (circle one)

Class 1 Class 2 Class 3 Class 4 (circle one)

Watershed: Mill Brook / Connecticut

Please provide a thorough description of the problem (ex. Roadway has steep slope with no ditch which is causing roadway erosion): 2 segments. 1. ~100' of bank 2. ~50' of bank

Stream bank is moving + threatening roadway. Is eating at edge of roadway, losing about 20 yds/year (min) from bank due to instability.

Description of Project and how you plan to complete the work (ex. Stone line 500' of ditch by reshaping ditch and stone lining, working from the top of the project down to the bottom):

Starting at upstream side, will move stream a ^{few} couple feet into opposite stream bank (per Pat Ross) and dig into stream to start keying stones into bank. 3' stone (+ minus) to chink + key into bottom, then 4' to 3/4 of way up bank (chinking in), then 2' stone + chink to top, then soil, seed, + mulch. Will use Better Roads manual BMP's.

Expected Effects (+ & -) on water quality (ex. Erosion will be eliminated by placing the stone ditch):

Erosion will be eliminated, reducing sediment entering stream by about 20 cy/year. Should be a permanent erosion fix.



Distance from end of project to nearest water (stream, lake, or stormwater system that outlets directly to water). Please circle one: 0-50' 50-250' 250'+

Progress to Date:

None in this segment but have stabilized upstream segment already.

Is there an emergency reason this project must be completed quickly? If yes, please explain:

No, but could be if left untouched + is a safety issue.

Has this project been identified through a municipal road inventory, capital budget plan, tactical basin plan, culvert inventory, or other management plan? If yes, please list which.

Yes: _____

No

Please list any professionals you may have contacted for assistance with this project (ANR River Management Engineer; Army Corps of Engineers, VTTrans District Technical staff, Basin Planner etc.):

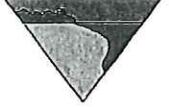
Pat Ross - ANR
Shane Morin - VTTrans D9
Rachel Beauregard - Alan May - VTTrans MAB
Plan to call ACOE

Is the project located in the town "Right of Way?" Yes, No, Both (if "Both" please explain further).

Both, written permission pending, Have verbal permission from owners. as of 4/11/16.

Will the town road crew complete this work? Yes, No, Some (if "some" please explain further).

Yes.



Describe how the grant funds will be spent and/or attach a project budget: Budget attached.

How do you plan to meet the required 20% match on this grant?:

Town labor + equipment

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): 30,792

Estimated Total Project Cost (including 20% local match): 38,490

Estimated Completion Date: 10/1/2016

REQUIRED ATTACHMENTS:

- Itemized Cost Estimate (labor, equipment, materials)
(For assistance, call Better Backroads at 802-828-4585)
- Project Location Map
(Please show location of affected water; 1:12,000 USGS map, if possible)
- Sketch of proposed erosion control measures, including:
 - Distances (ft.)
 - Estimate of waste & borrow quantities
 - Approx. location of town/other right-of-way and/or property lines
- Photo(s) of the project area.
- Agreement for Entry and/or Deed of Easement (if project is outside Town ROW).
- If project involves stream or river/road conflict, include documentation of consultation with a River Management Engineer.
- Other appropriate supporting documents.

By signing this application I certify that all the information provided is accurate to the best of my knowledge. We will comply with all the requirements of the grant including making our books available for audit if required.

SIGNATURE OF APPLICANT: (Must be Town Administrator/Manager or Select Board Chair)

Name: Emilio

Title: Select Board chair

March 24, 2016

Letter of Recommendation

To Whom It May Concern,

The Town of Bloomfield has expressed concern with the stability of Mill Brook Rd. where it runs concurrent with Mill Brook. They are proposing to stabilize their existing infrastructure and rebuild the retaining wall adding Type IV and Type II stone as discussed during site visits with ANR stream alteration engineer Pat Ross.

Bloomfield TH representative Mike Belknap has been in contact with the District 9 office and we have performed site visits to investigate their concerns. It is of our opinion, being the District 9 Project Manager and Tech Team, that this site is a good fit for a Better Roads Grant.

Thank You.

Sincerely,

District 9 Project Manager.

Shane Morin

From: Ross, Patrick <Patrick.Ross@vermont.gov>
To: Michael Belknap <ilogvt@aol.com>
Subject: RE: Millbrook project Bloomfield VT
Date: Tue, Apr 12, 2016 8:03 AM

Hi Michael,

Per our conversations and field visit, the proposed projects would be eligible for a Stream Alteration General Permit. The stabilization of Mill Brook Road provides an adequate high flow offset terrace such that the project increases the overall channel cross section. Therefore the project is a net improvement for channel hydraulics and water quality.

Please use this for your Better Roads grant application as a memo of support for the project.

Patrick Ross, P.E.

Patrick.Ross@Vermont.Gov

1229 Portland Street

St. Johnsbury, Vermont 05819

802.279.1143

From: Michael Belknap [<mailto:ilogvt@aol.com>]
Sent: Tuesday, April 12, 2016 5:58 AM
To: Ross, Patrick <Patrick.Ross@vermont.gov>
Subject: Millbrook project Bloomfield VT

HiPatrick. Per our discussion, and you looking at the Millbrook project sites in the town of Bloomfield. Site one 280 feet site two 80 feet. Could you please send me a letter showing your support. Thank you. Michael

Sent from AOL Mobile Mail
Get the new AOL app: mail.mobile.aol.com

**Town of Bloomfield
27 School House Road
Bloomfield, VT 05905**

AGREEMENT FOR ENTRY; LIMITED RELEASE

THIS AGREEMENT, made and entered into this 12 day of April, 2016, by and between the TOWN OF BLOOMFIELD, (hereinafter Town), & property owner: Gerard Routhier, of RT 102 Bloomfield, VT in Bloomfield (hereinafter Owner).

WHEREAS, the Owner owns certain land and premises at approximate location of 3/4 mi (911 # or mile point) on the E-bound side of the road in the Town of Bloomfield, which adjoins Town Highway No. 2, also known as Mill Brook Road (road name), a Town highway maintained by the Town of Bloomfield; and

WHEREAS, the Town desires, at its own expense, to perform certain work on or for the benefit of the town highway system (described more particularly below) (hereinafter the Work), which Work also will be of benefit to the Owners' property; and

WHEREAS, performance of the Work may require the Town, with its own forces or those of contractors, to enter upon the Owners' property, in areas outside the existing Town highway right-of-way;

NOW, THEREFORE, the parties, intending to be legally bound, hereby agree as follows:

1. Description of the Work. The Work will consist of the following:

Re establish stream Bed keep stones into Bank along Mill Brook Road.
Stream will be moved a few feet towards Owners Property.

2. Right of Entry; Limited Release. The Owner hereby grants the Town, with its own forces or those of contractors, the right to enter upon the Owners' property, with workers and equipment, for the purpose of undertaking the Work, and hereby waives, releases and discharges any claims, whether styled as trespass or otherwise, that may arise from such entry.

3. Retention of Certain Other Rights. Notwithstanding paragraph 2 of this Agreement, the Owner retains the right to assert against the Town, its contractors or other parties any claims that may arise from negligent acts or omissions during performance of the Work.

IN PRESENCE OF:



Witness

Town of Bloomfield

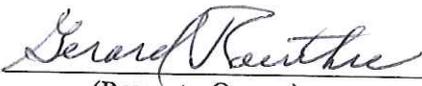
By: 

Bloomfield Select Board Chair or
Other Duly Authorized Agent

IN PRESENCE OF:



Witness



(Property Owner)

**Town of Bloomfield
27 School House Road
Bloomfield, VT 05905**

AGREEMENT FOR ENTRY; LIMITED RELEASE

THIS AGREEMENT, made and entered into this 13 day of April, 2016, by and between the TOWN OF BLOOMFIELD, (hereinafter Town), & property owner: Susan Verchof (FAITEUX FAMILY TRUST) of North Troy, VT in Bloomfield (hereinafter Owner).

WHEREAS, the Owner owns certain land and premises at approximate location of 1 mi (911 # or mile point) on the W-bound side of the road in the Town of Bloomfield, which adjoins Town Highway No. 2, also known as Mill Brook Road (road name), a Town highway maintained by the Town of Bloomfield; and

WHEREAS, the Town desires, at its own expense, to perform certain work on or for the benefit of the town highway system (described more particularly below) (hereinafter the Work), which Work also will be of benefit to the Owners' property; and

WHEREAS, performance of the Work may require the Town, with its own forces or those of contractors, to enter upon the Owners' property, in areas outside the existing Town highway right-of-way;

NOW, THEREFORE, the parties, intending to be legally bound, hereby agree as follows:

1. **Description of the Work.** The Work will consist of the following:
Reestablish Stream Bank Approx. 80 feet where stream is
undermining Road.

2. **Right of Entry; Limited Release.** The Owner hereby grants the Town, with its own forces or those of contractors, the right to enter upon the Owners' property, with workers and equipment, for the purpose of undertaking the Work, and hereby waives, releases and discharges any claims, whether styled as trespass or otherwise, that may arise from such entry.

3. **Retention of Certain Other Rights.** Notwithstanding paragraph 2 of this Agreement, the Owner retains the right to assert against the Town, its contractors or other parties any claims that may arise from negligent acts or omissions during performance of the Work.

IN PRESENCE OF:

Town of Bloomfield

[Signature]
Witness

By: *[Signature]*

Bloomfield Select Board Chair or
Other Duly Authorized Agent

IN PRESENCE OF:

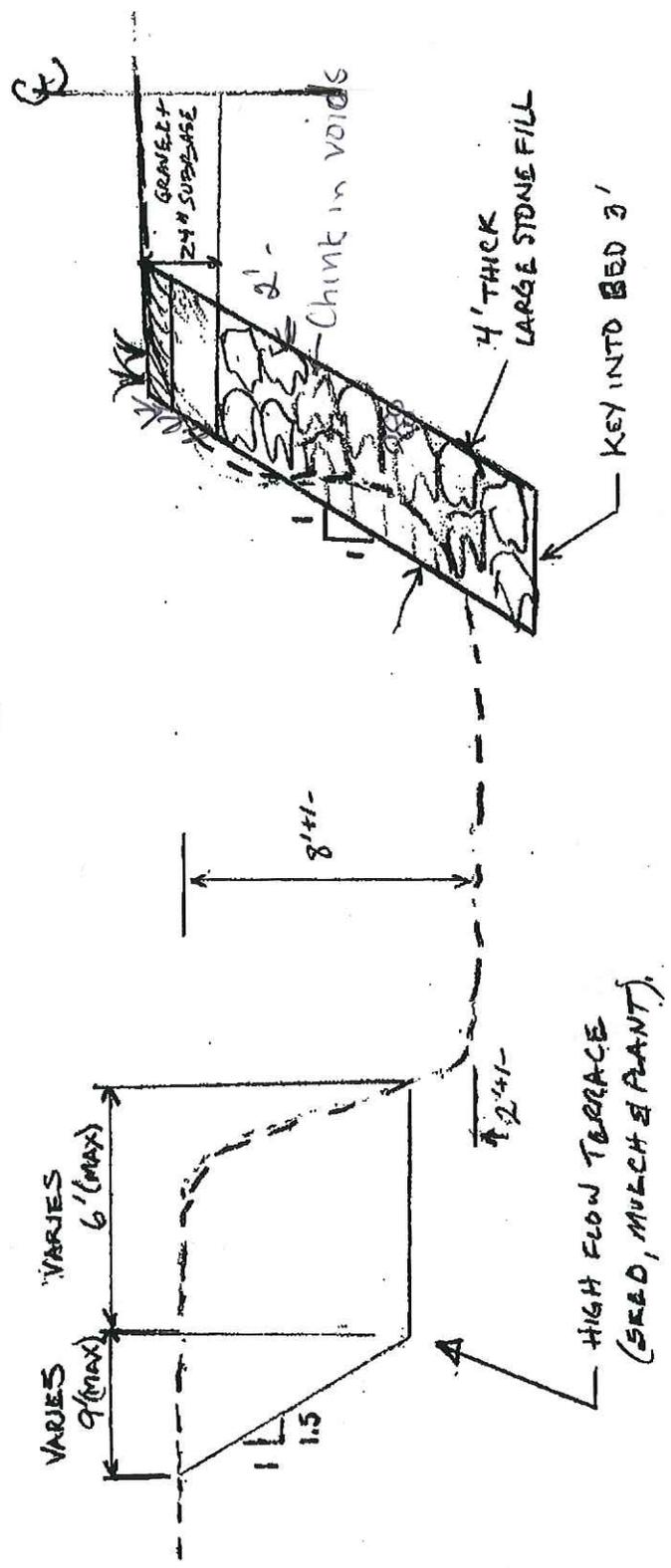
* *[Signature]*
Witness

* *[Signature]* 4/18/16
(Property Owner)

FOR: FAUTEUX FAMILY TRUST

CROSS SECTION A-A

3 FOOT ROW



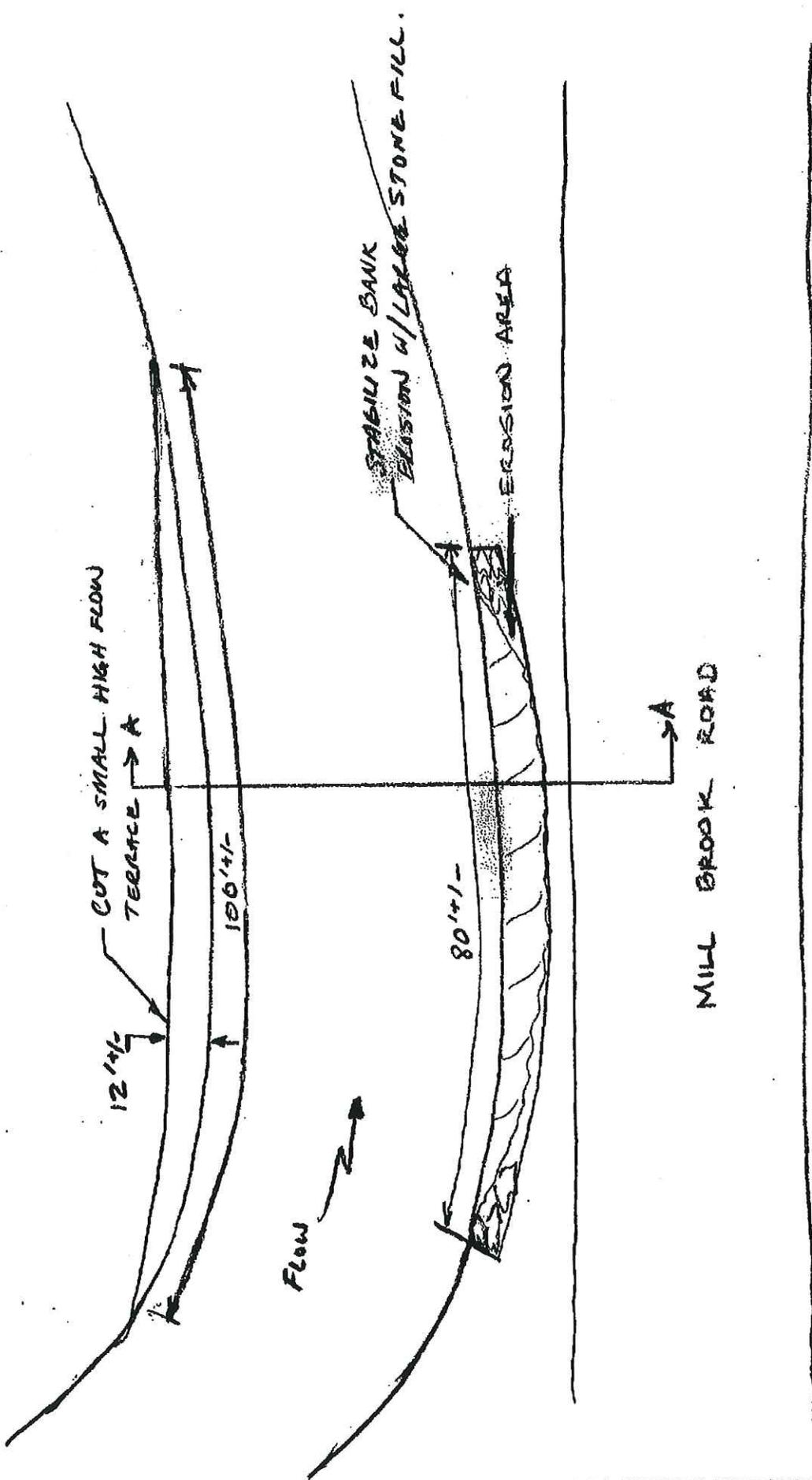
NOT TO SCALE

BLOOMFIELD, VT
MILL BROOK PROJECT

THPAD



PLAN VIEW

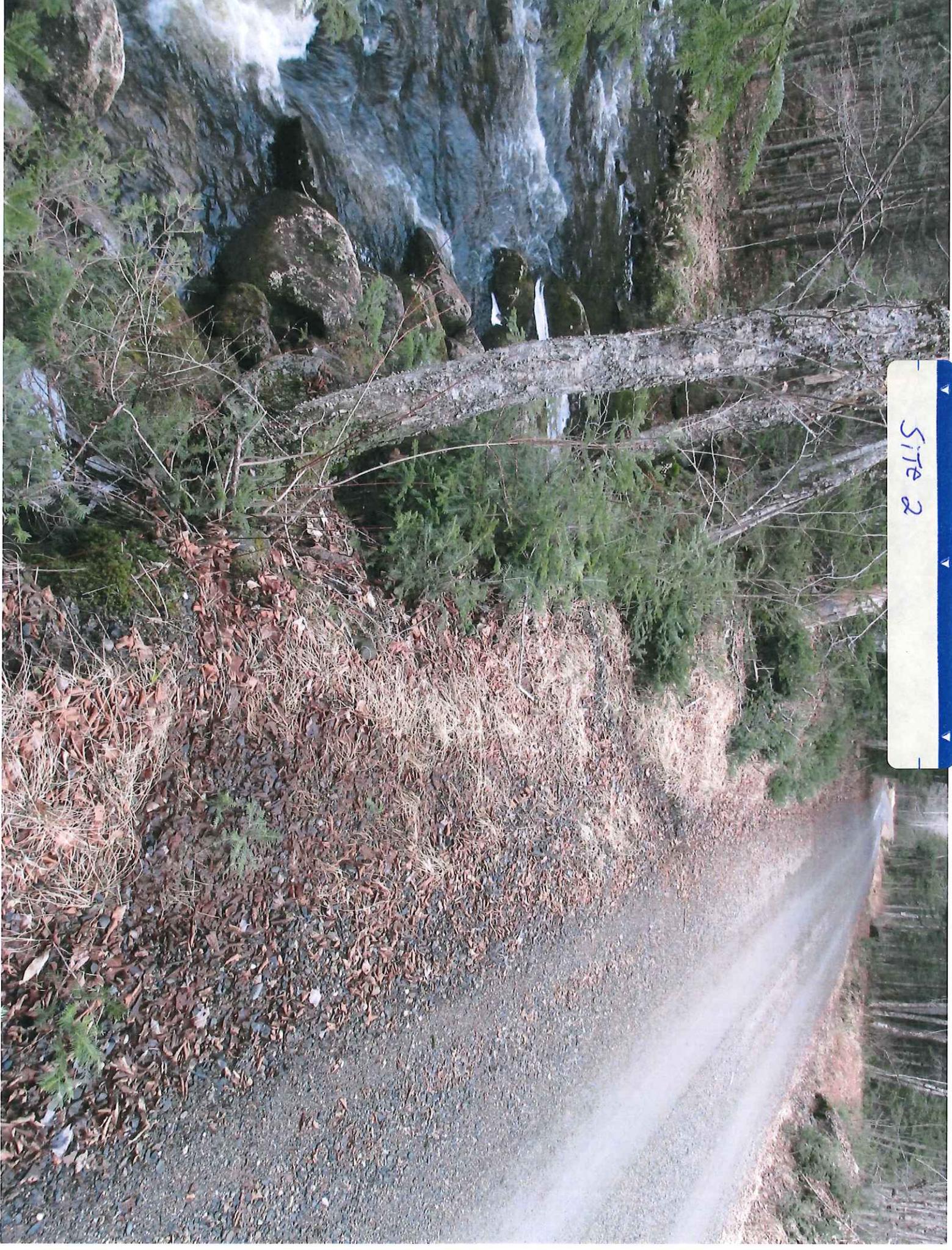


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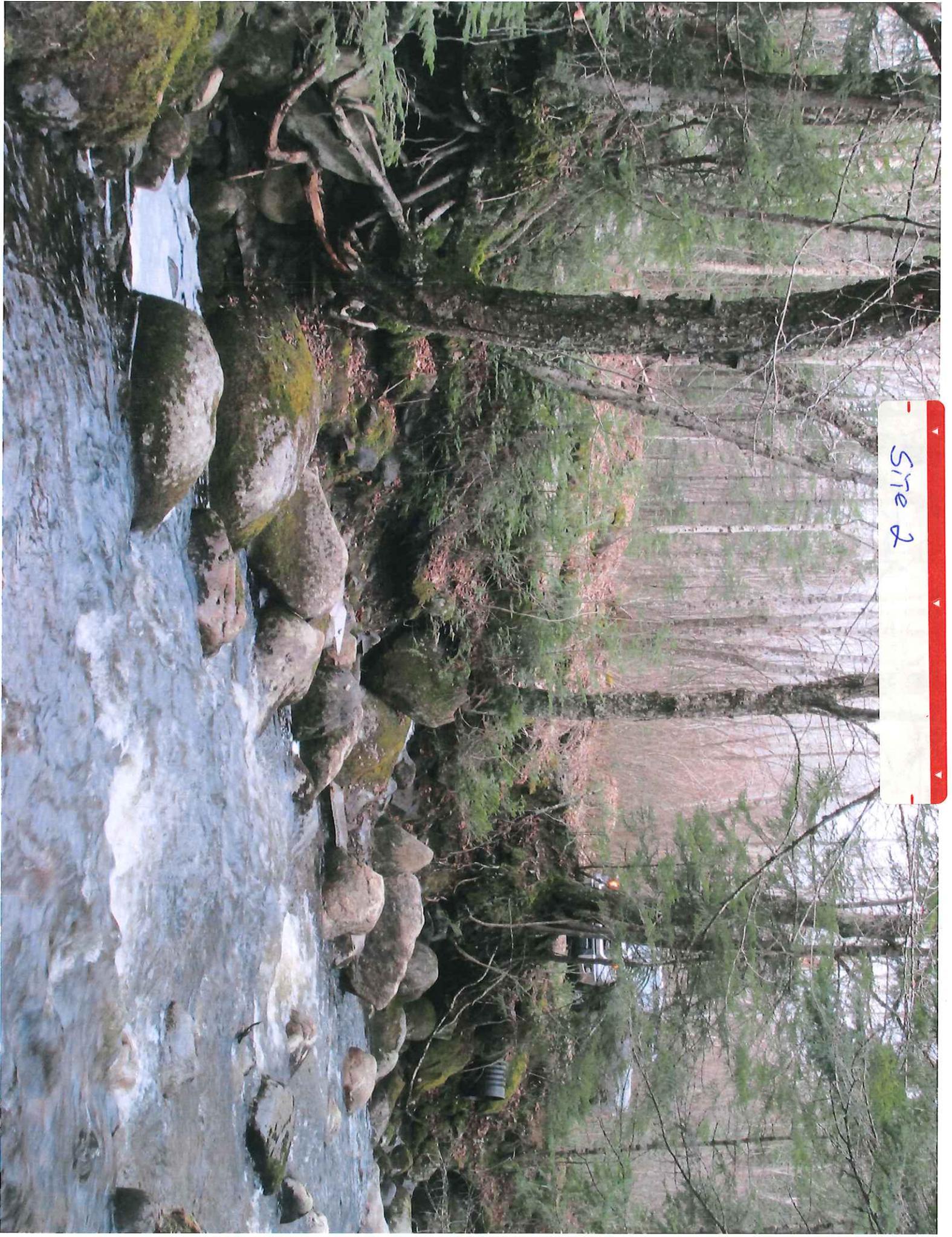
APPENDIX

BLODMFIELD, VT
MILL BROOK PROJECT

Site 2



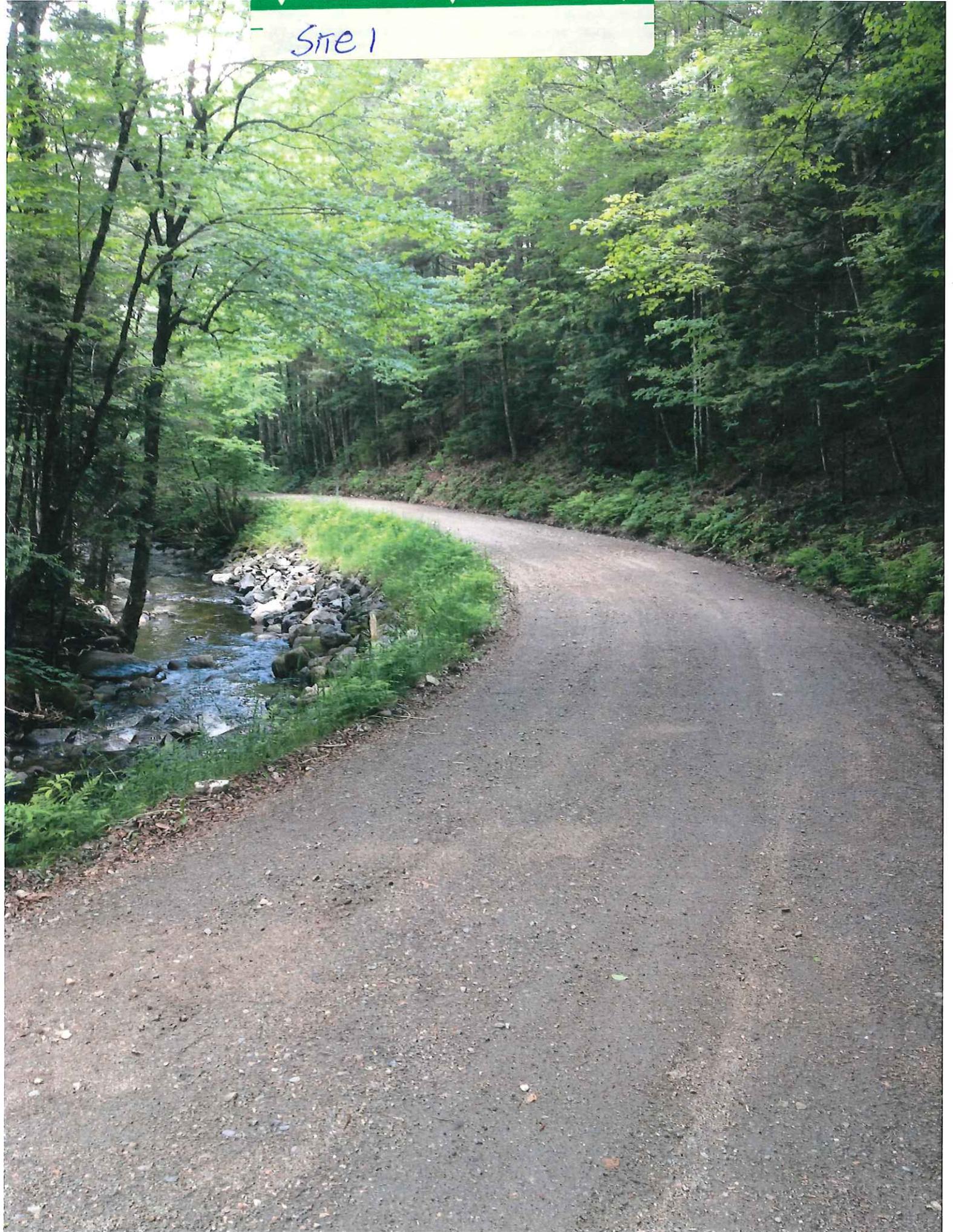
Site 2



Site 1



Sne 1



Site 1 From Stream

