



VERMONT

EXHIBIT A

Application for Hearing before the Development Review Board

Applicant name: Richard Pennington III

Applicant address: 1638 VT RT 11 E Chester VT 05143

Applicant email: fastsonoma@gmail.com Phone: 860 874 1886

Landowner name (if different): _____

Landowner address: _____

Landowner email: _____ Phone: _____

Location of property: 1638 VT RT 11 E Chester VT 05143

Description of Request: Replacement of current unsafe Bridge in driveway to be able to gain full access to Property.

If new construction is involved, provide a sketch or plan showing the boundaries of the lot, the distance from the proposed new construction to each boundary, and the dimensions of the new construction together with its position on the lot in relation to existing buildings and driveways.

After receipt of this application, the Zoning Administrator will inform you of what further information is required.

Applicant Signature [Signature] Date 5/11/23

** TO BE COMPLETED BY THE ZONING ADMINISTRATOR **

Parcel Map #: 34-20-21 Zoning District: R-40 DRB Case #: 592

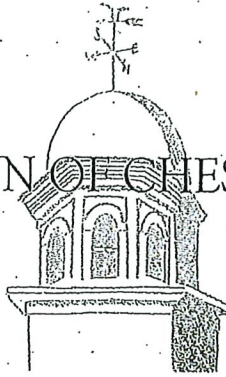
Type of application: Conditional Use Approval, Flood Hazard Review, Waiver or Variance

Appeal of decision of Zoning Administrator, Other _____

Received with \$200 application fee P.B. (ZA initials) Date 5/11/23

EXHIBIT B

TOWN OF CHESTER



PLANNING & ZONING
556 Elm Street
P.O. Box 370
Chester, VT 05143

(802) 875-2173 office
(802) 875-2237 fax
zoning@chestervt.gov
www.chestervt.gov

TOWN OF CHESTER NOTICE OF HEARING FOR FLOOD DAMAGE PREVENTION REVIEW

Richard Rondinone III has applied for Flood Damage Prevention Review of a driveway replacement bridge across the regulatory floodplain of Kingdom Valley Brook at 1638 VT RT 11 E in the Town of Chester.

The Town of Chester Development Review Board will conduct a site visit at 5:30 PM on Monday, June 12, 2023, at 1638 VT RT 11 E and will hold a hearing on this application at 6:00 PM on Monday, June 12, 2023, at the Chester Town Hall at 556 Elm Street in Chester. A copy of the application and additional information may be obtained from the Zoning Administrator.

Participation in this hearing in person, via Zoom videoconference, or in writing is a prerequisite to the right to take any subsequent appeal.

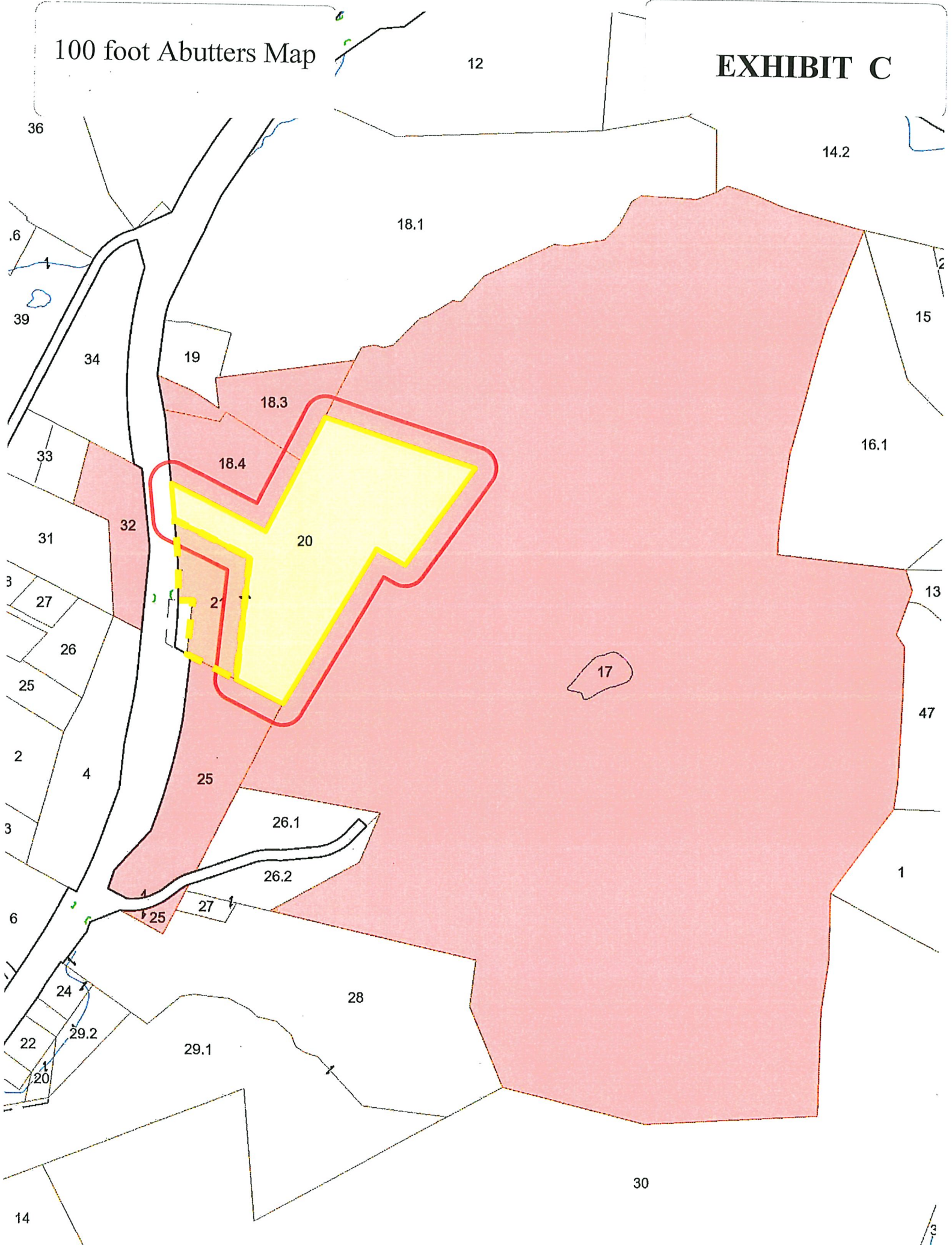
A link to participate in this hearing via Zoom videoconference may be found on the Town of Chester website home page at www.chestervt.gov.

Dated at Chester, Vermont this 18th day of May 2023.

Preston Bristow
Zoning Administrator
(802) 875-2173
zoning@chestervt.gov

100 foot Abutters Map

EXHIBIT C





100 foot Abutters List Report

Chester, VT
May 23, 2023

Mailed 5/23/23

EXHIBIT D

Subject Property:

Parcel Number: 342020
CAMA Number: 342020
Property Address: 1638 VT RT 11 EAST

Mailing Address: RONDINONE III, RICHARD
PO BOX 494
CHESTER, VT 05143

Abutters:

Parcel Number: 342017
CAMA Number: 342017
Property Address: 356 HALL ROAD

Mailing Address: SHYLOSKI TRUSTEES, EDWARD &
NANCY SHYLOSKI REV TRUST,
BARBARA
20 HAYWAGON DRIVE
OLD LYME, CT 06371

Parcel Number: 342018300
CAMA Number: 342018300
Property Address: 1782 VT RT 11 EAST

Mailing Address: KINGSBURY, JAMES E
1782 VT RT 11 EAST
CHESTER, VT 05143-9417

Parcel Number: 342018400
CAMA Number: 342018400
Property Address: 1780 VT RT 11 EAST

Mailing Address: KINGSBURY, SHANE S
1780 VT RT 11 EAST
CHESTER, VT 05143

Parcel Number: 342021
CAMA Number: 342021
Property Address: 1638 VT RT 11 EAST

Mailing Address: RONDINONE III, RICHARD
PO BOX 494
CHESTER, VT 05143

Parcel Number: 342032
CAMA Number: 342032
Property Address: 1687 VT RT 11 EAST

Mailing Address: CYR, TREVOR A& MORGAN E LITTLE
1687 VT RT 11 EAST
CHESTER, VT 05143

Parcel Number: 392025
CAMA Number: 392025
Property Address: 1338 VT RT 11 EAST

Mailing Address: TOURIGNY III, JOSEPH & CONSTANCE
1338 VT RT 11 EAST
CHESTER, VT 05143



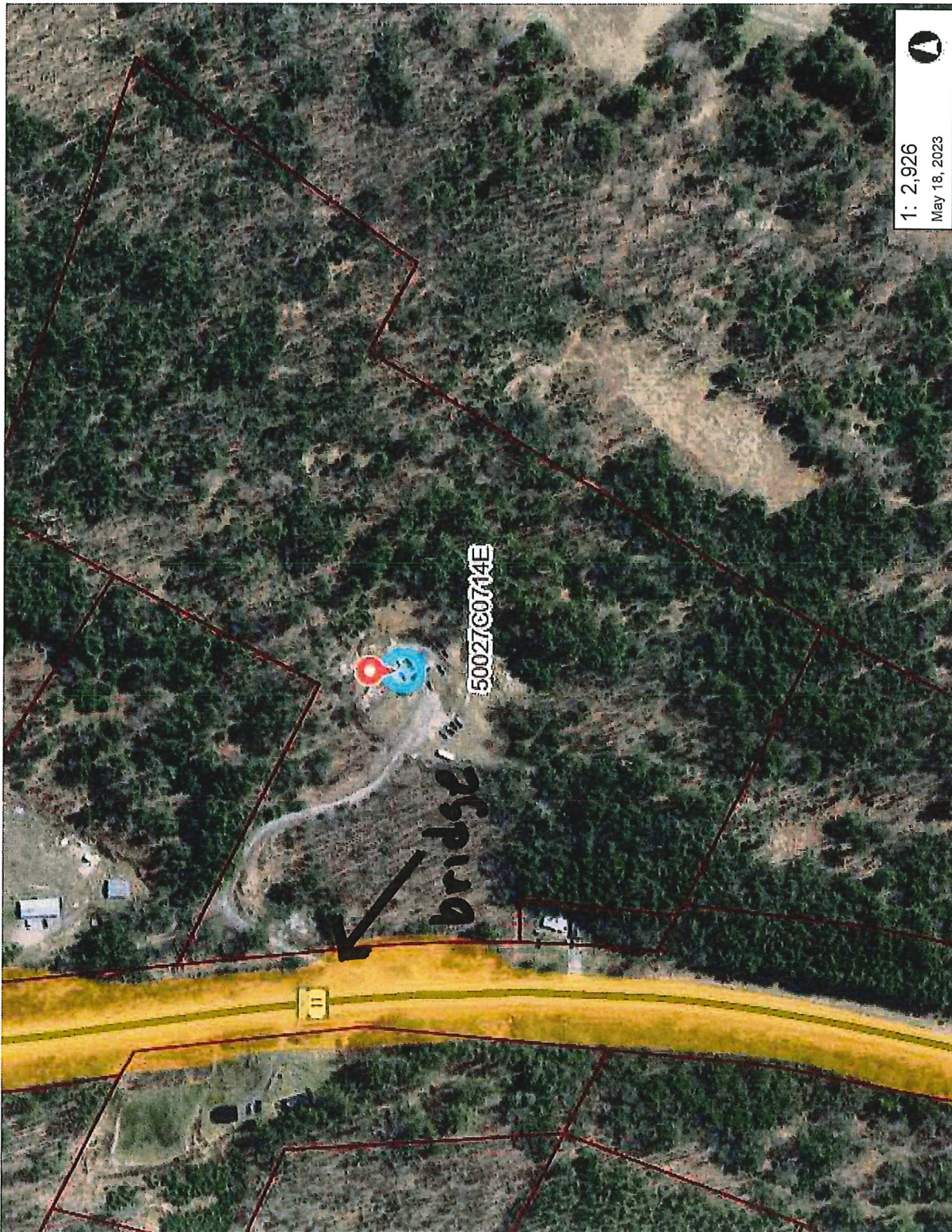
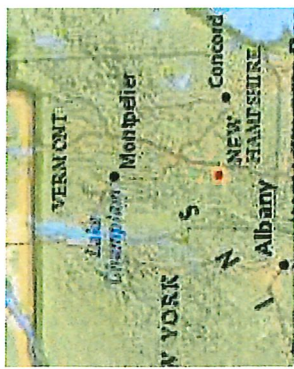
www.cai-tech.com

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1638 VT RT 11 E, Chester, VT
 Vermont Agency of Natural Resources

vermont.gov



LEGEND

- DFIRM Panels
- Flood Hazard Areas (Only FEI)
 - AE (1-percent annual chance flood)
 - A (1-percent annual chance floodpl)
 - AO (1-percent annual chance zone feet)
 - 0.2-percent annual chance flood ha
- Parcels (standardized)
- Roads
 - Interstate
 - US Highway, 1
 - State Highway
 - Town Highway (Class 1)
 - Town Highway (Class 2,3)
 - Town Highway (Class 4)
 - State Forest Trail
 - National Forest Trail
 - Legal Trail
 - Private Road/Driveway
 - Proposed Roads
- Town Boundary

1: 2,926
 May 18, 2023

149.0 0 74.00 149.0 Meters

1" = 244 Ft 1cm = 29 Meters

THIS MAP IS NOT TO BE USED FOR NAVIGATION

DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. ANR and the State of Vermont make no representations of any kind, including but not limited to, the warranties of merchantability, or fitness for a particular use, nor are any such warranties to be implied with respect to the data on this map.

WGS_1984_Web_Mercator_Auxiliary_Sphere
 © Vermont Agency of Natural Resources

NOTES

Map created using ANR's Natl. Resources Atlas

EXHIBIT E



EXHIBIT F

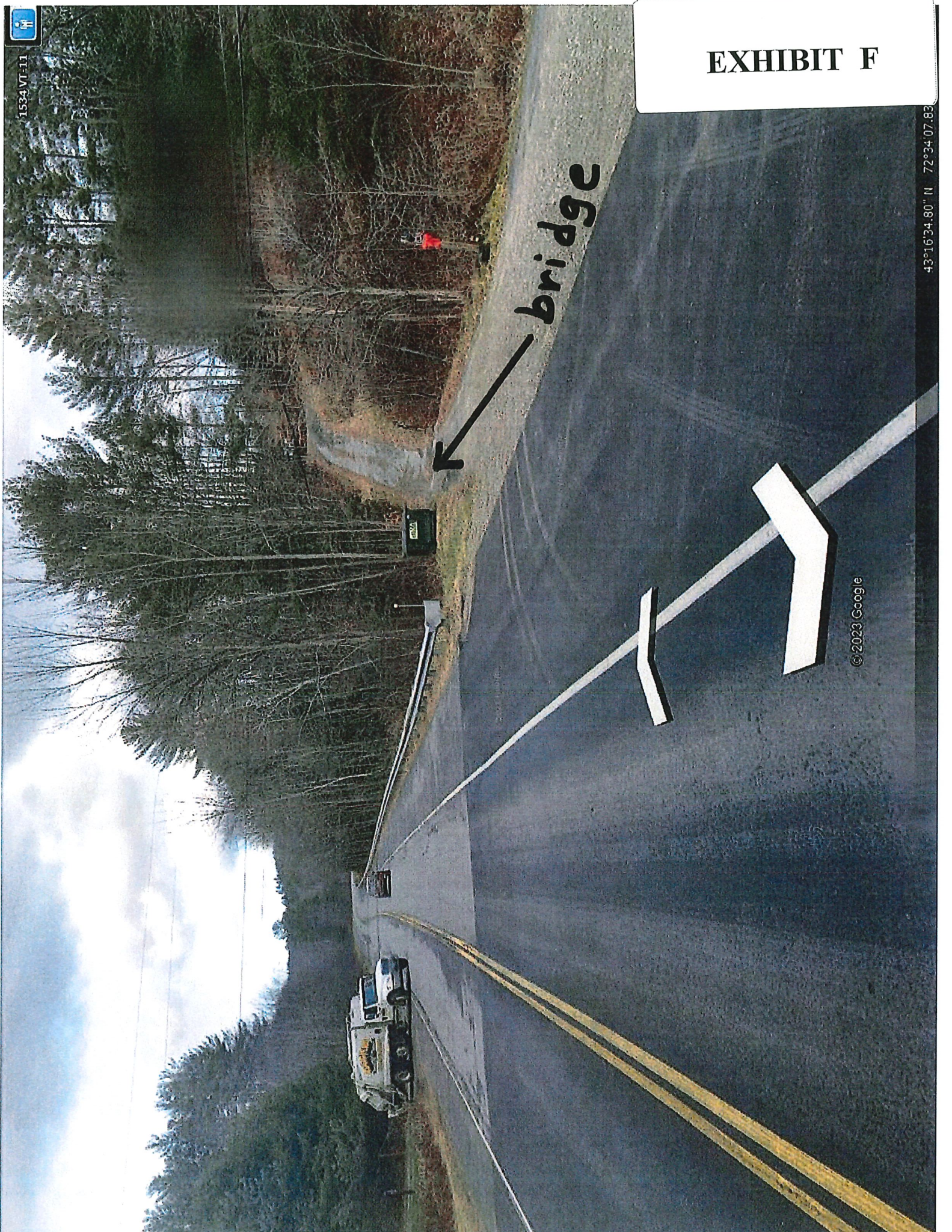
bridge



© 2023 Google

43°16'34.80" N 72°34'07.83"

1534 VT-11





Existing
1979

EXHIBIT H

2 pages

AUTHORIZATION TO CONDUCT STREAM ALTERATION ACTIVITIES

Pursuant to Section C.2.2, and C.2.3
of the Vermont Stream Alteration General Permit



VERMONT DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
**WATERSHED
MANAGEMENT DIVISION**
RIVERS PROGRAM

(Reporting activities requiring Application or Registration)

A. Permitted Project Information:

Permit Number: SR-3183	Waterbody: Tributary of Williams River
Project Location: 1638 VT RT 11	Lat:/Long: 43.276653N, 72.568672W
Applicant Name: Richard Rondinone	Email: fastsonoma@gmail.com
Mailing Address: PO Box 494, Chester, VT 05143	Phone: (802) 874-4211

B. Findings:

The Secretary of the Vermont Agency of Natural Resources (VT ANR) has determined that:

This project consists of the replacement of an existing undersized slab bridge with a new steel beam wood deck bridge providing full AOP.

1. The proposed activity is eligible for coverage under the Vermont ANR Stream Alteration General Permit.
2. The proposed activity will meet the terms and conditions of the General Permit provided:
 - a) The project will be completed as in the plans by Waysville Engineering dated 10/11/2022.

C. Standard Conditions:

1. The project will not adversely affect the public safety by increasing flood hazards.
2. The project will not significantly damage fish life or wildlife.
3. The project will not significantly damage the rights of riparian owners.
4. The project will not obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction.
5. The project is conducted in a manner which minimizes or avoids any discharge of sediment or other pollutants to surface waters in violation of the Vermont Water Quality Standards.
6. **An on-site preconstruction meeting is conducted with the contractor and RME prior to the start of instream work.**
7. The River Management Engineer is notified by phone or email when construction begins and when the project is complete.
8. **In-stream working dates for all GP activities are from June 1st through October 1st; any in-stream work outside these dates will require consultation with and prior authorization from the River Management Engineer (RME).**
9. **This permit will expire: December 31, 2028**

If there are any changes in the project plan or deviation in construction from the approved plan, the Permittee must notify the River Management Engineer immediately. If the project is constructed as you have described, as shown on the above referenced approved plans and per the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

Please be aware that the proposed project is in a municipality that participates in the National Flood Insurance Program (NFIP). Construction or storage within the Special Flood Hazard Area (SFHA) as delineated on the FEMA Flood Insurance Rate Map). 24 VSA, Section 4424 requires communities to submit SFHA permit applications to the ANR Regional Floodplain Manager for review and comment to ensure the project is compliant with local and NFIP minimum floodplain management standards.

Please be aware that this authorization does not constitute ANR's review and comment under 24 VSA Section 4424.

D. Authorization:

Signed this 10th day of April 2023
Julia S. Moore, Secretary, Vermont Agency of Natural Resources

by:  River Management Engineer
VT DEC Rivers Program, Watershed Management Division

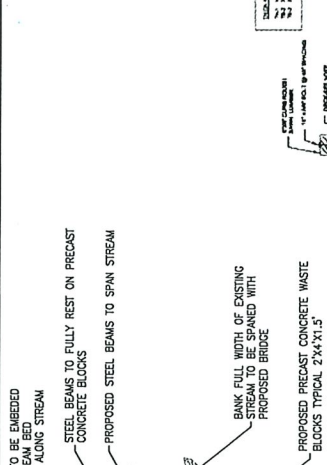
E. River Engineer Contact Information

Engineer: **Scott Jensen, PE**
Contact Phone: **802 490-6962**
Email Address: scott.jensen@vermont.gov

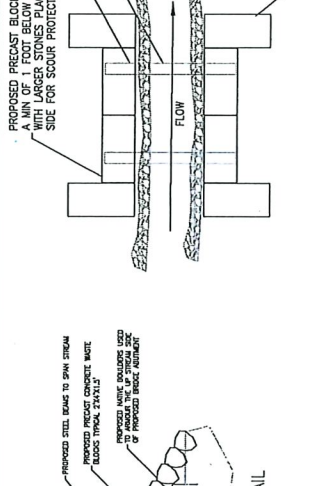
State of Vermont – ANR Department of Environmental Conservation
Watershed Management Division - Stream Alteration Permitting
1 National Life Drive, Main 2 Montpelier, VT 05620-3522

GENERAL PROJECT NOTES:

- 1) TEMPORARY BENCH MARK ELEVATIONS ARE ASSUMED.
- 2) REFERENCE TAX MAP FOR LOT INFORMATION AND SITE LOCUS.
- 3) PROPERTY LINES, EASEMENTS, AND OTHER REAL PROPERTY DESCRIPTIONS PROVIDED IN THIS PERMIT APPLICATION ARE FOR THE USE OF THE AER ONLY. THEY DO NOT DEFINE LEGAL RIGHTS OR MEET LEGAL REQUIREMENTS FOR A LAND SURVEY AS SUCH. THE AER IS NOT A SURVEY AND SHALL NOT BE USED IN LIEU OF A SURVEY AS THE BASIS OF ANY LAND TRANSFER OR ESTABLISHMENT OF ANY PROPERTY RIGHT.
- 4) SIDING SHALL BE CONTACTED BEFORE EXCAVATING IN ANY PUBLICLY OWNED LANDS.



BRIDGE CROSSING DETAIL



TYPICAL BRIDGE ABUTMENT DETAIL WESTSIDE OF MILE STREAM



TYPICAL BRIDGE ABUTMENT DETAIL EASTSIDE OF STREAM



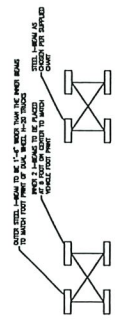
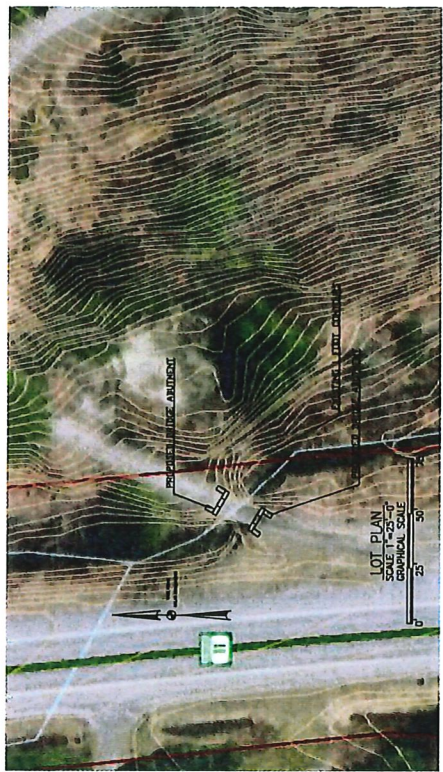
TYPICAL BRIDGE SECTION DETAIL

40 TON GWH LOADING
AL-600-07-003

Beam Size	Deflection
W12 x 45	2.5 inches
W14 x 30	2.3 inches
W14 x 43	2.1 inches
W16 x 36	2.0 inches
W18 x 35	1.7 inches

SPECIAL PROJECT NOTES:

- 1) 2x6 OR 4x4 VERTICAL LUMBER MAY BE USED FOR BECKING PROVIDED THERE IS 2x6 RUNNER PLANKS PLACED PERPENDICULAR TO BECKING PLANKS, SPACED 50 TRAFFIC TRAVELS THEM
- 2) LUMBER CAN BE PRESSURE TREATED
- 3) SPACING OF W-SECTION BEAMS SHALL BE PLACED SO THEY ARE UNDER THE TIRE TRACKS
- 4) IF SITE CONDITIONS DIFFER CONTACT ENGINEER.



BRIDGE STEEL BEAM PLACEMENT DETAIL

FINAL CONDITION PROJECT NOTES:

- 1) ALL FINAL GRADING WILL BE RESEEDED WITH A SUITABLE SEED AND COVERAGE
- 2) THE SEEDINGS WILL BE REQUIRED IF VEGETATION ISN'T ESTABLISHED WITHIN 3 MONTHS
- 3) ADDITIONAL PLANTINGS MAY BE REQUIRED
- 4) ALL SLOPES NEED TO BE SLOPED AT 1 ON 2 SLOPES AND SEEDED
- 5) NO GRADING SHALL BE OPEN FOR MORE THAN THE 45 DAYS ALLOWED
- 6) ALL EROSION CONTROL MEASURES NEED TO BE PLACED WITHIN 3 DAYS OF FINAL GRADING
- 7) ALL SUTFENCE AND EROSION CONTROL MEASURES NEED TO BE IN PLACE PRIOR TO START OF EXCAVATION

PROJECT STEEL L-BEAM NOTES:

- 1) STEEL SELECTION IS BASED UPON 30 FOOT CLEAR SPAN AND STEEL PLACED AS SHOWN ON THE BEAM PLACEMENT DETAIL
- 2) ALL STEEL IS ASSUMED TO BE GRADE 36 OR GREATER
- 3) ALL WELDS ARE ASSUMED TO BE E70XX ELECTRODES
- 4) ALL WELDS SHALL BE INSPECTED BY A QUALIFIED INDIVIDUAL

PROJECT: INF 113-22
SITE PLAN FOR ACCESS BRIDGE
PREPARED FOR ROADVED ROUNDINE
ROUTE 103 STRAM
VERMONT

CHESTER
WAYSVILLE ENGINEERING
222 BARLOW RD
SPRINGFIELD, VT 05156

DATE: 10-11-22
REVISIONS:

SCALE: AS NOTED
DR. BY: JEW
CHECKED BY: LFS

DWG NO: B1
REV: 0

Zoning

From: Jason Waysville <waysvilleengineering@gmail.com>
Sent: Wednesday, May 17, 2023 11:09 AM
To: Zoning
Cc: Richard Rondinone
Subject: Re: Richard Rondinone bridge

Hello Preston,

I have calculated the BFE for the project. I have attached the Stream Stats data sheet that was used to obtain the CFS (Cubic Feet per Second) based upon this along with the cross section of the stream at Richards location I have the following information.

Center of Stream Elevation = 715.1'
BFE for 100 year flood = 722.19'

Based upon these numbers I believe it will be about 1 foot higher in elevation than the existing bridge.
Please let me know if you have any questions or need additional information

Thanks
Jason

On Wed, May 10, 2023 at 2:43 PM Zoning <zoning@chestervt.gov> wrote:

It has to be a 100 year event with 1 foot of freeboard. Anecdotally it appears that this bridge will be high enough but we still need documentation from you. This is a decision that has to go before the town Development Review Board, which means a public hearing, and we will need a so-called 4424 review by the state Regional Floodplain Manager prior to the hearing. All to say that a BFE sooner than later would benefit Richard Rondinone because he would like to build this summer.

Also this bridge is within the state highway right of way and I have alerted Brian McAvoy who will be visiting the site next week.

Preston Bristow

Chester Town Planner and

Zoning Administrator

556 Elm Street

P.O. Box 370

Chester, VT 05143

(802) 875-2173

www.chestervt.gov

From: Jason Waysville <waysvilleengineering@gmail.com>
Sent: Wednesday, May 10, 2023 2:27 PM
To: Zoning <zoning@chestervt.gov>
Subject: Re: Richard Rondinone bridge

I did not calculate a BFE for this project since it was a replacement of an existing bridge (which made it through Irene) I would be glad to calculate a BFE but I need to know for which storm event. Typically Towns and private bridges are sized to a 25 year or possibly 50 year event when public access bridges are sized to the 100 year event. Which event would you like the BFE for?

Thanks

Jason

On Tue, May 9, 2023 at 2:36 PM Zoning <zoning@chestervt.gov> wrote:

Hello Jason:

The bridge you designed for Richard Rondinone at 1638 VT RT 11 E in Chester (Project: JN# 113-22) is going to have to undergo flood plain review. The bottom chord of the bridge deck will have to be 1 foot above Base Flood Elevation. Have you calculated BFE for this location?

Preston Bristow

Town Planner and

Zoning Administrator

Town of Chester

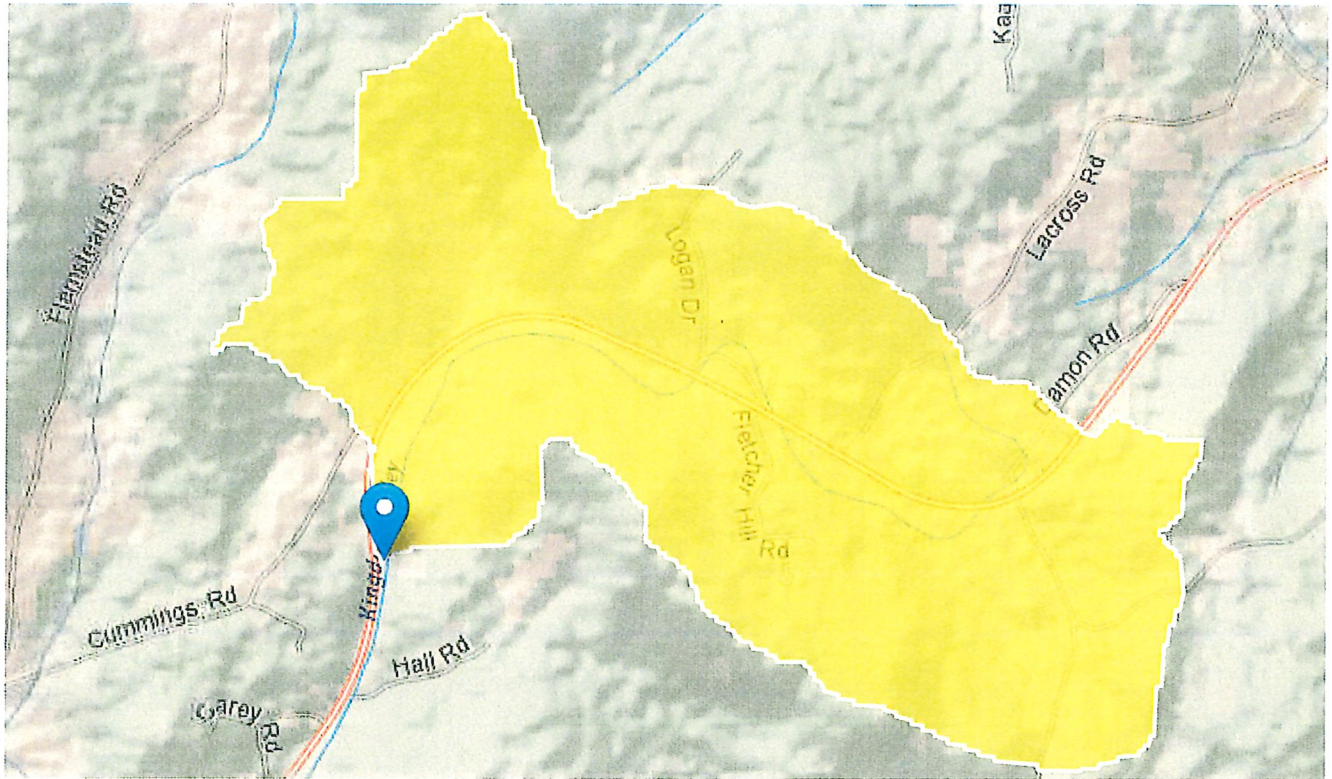
StreamStats Rhodine Project

Region ID: VT

Workspace ID: VT20230515173125939000

Clicked Point (Latitude, Longitude): 43.27611, -72.56847

Time: 2023-05-15 13:31:55 -0400



This information is used to determine the BFE for a personal bridge replacement

[+ Collapse All](#)

➤ Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	1.74	square miles
LC06STOR	Percentage of water bodies and wetlands determined from the NLCD 2006	2.99	percent

Parameter Code	Parameter Description	Value	Unit
PRECPRIS10	Basin average mean annual precipitation for 1981 to 2010 from PRISM	45.6	inches

➤ Peak-Flow Statistics

Peak-Flow Statistics Parameters [Statewide Peak Flow]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	1.74	square miles	0.18	689
LC06STOR	Percent Storage from NLCD2006	2.99	percent	0	18.5
PRECPRIS10	Mean Annual Precip PRISM 1981 2010	45.6	inches	33.5	70.4

Peak-Flow Statistics Flow Report [Statewide Peak Flow]

PII: Prediction Interval-Lower, PIu: Prediction Interval-Upper, ASEp: Average Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	PII	PIu	ASEp
50-percent AEP flood	65.5	ft ³ /s	37.3	115	34.8
20-percent AEP flood	105	ft ³ /s	58.7	188	36.1
10-percent AEP flood	137	ft ³ /s	73.6	255	38.6
4-percent AEP flood	183	ft ³ /s	93	360	42.5
2-percent AEP flood	224	ft ³ /s	110	457	44.9
1-percent AEP flood	268	ft ³ /s	127	566	47.3
0.5-percent AEP flood	317	ft ³ /s	143	703	50.8
0.2-percent AEP flood	389	ft ³ /s	165	918	55.2

Peak-Flow Statistics Citations

Olson, S.A., 2014, Estimation of flood discharges at selected annual exceedance probabilities for unregulated, rural streams in Vermont, with a section on Vermont regional skew regression, by Veilleux, A.G.: U.S. Geological Survey Scientific

Investigations Report 2014–5078, 27 p. plus appendixes.
(<http://pubs.usgs.gov/sir/2014/5078/>)

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Application Version: 4.14.0

StreamStats Services Version: 1.2.22

NSS Services Version: 2.2.1