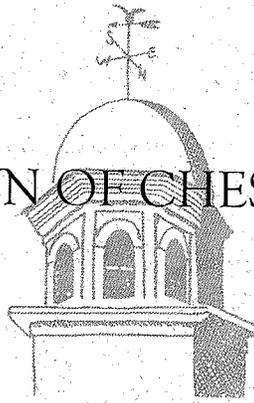


TOWN OF CHESTER



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

(802) 875-2173
Fax (802) 875 2237

April 12, 2016

Alan May
Agency of Transportation
Municipal Assistance Bureau
1 National Life Drive
Montpelier, Vermont 05633

Re: FY 17 Better Back Roads Grant
Chester, Vermont

Dear Mr. May:

Enclosed please find two completed applications for the Better Back Roads Grant on behalf of Chester, Vermont. One application is for a Category C project which would be Chester's priority project. The second application is for a Category B project.

Please do not hesitate to contact me should there be any questions or concerns. Thank you for your consideration of this grant.

Sincerely,

A handwritten signature in cursive script, appearing to read "Julie S. Hance". The signature is written in dark ink and is positioned above the printed name.

Julie S. Hance
Executive Assistant



FY17 Vermont Better Roads Grant Application

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

Town/Organization: Chester Contact Person(s): Julie Hance

Address: 556 Elm Street, Chester, Vermont 05143

Email: Street Address jhchester@vermontel.net Phone: (Town 802) 875 Zip 2173

DUNS #: 73995839 Fiscal Year End Month (MM): 12

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



2

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: Town of Chester

Project Name: Chester Stormwater Mitigation for Gravel Roads

Road Name: Miner/Pleines TH #: 1311 Structure # (if applicable): _____

Road Type: Unpaved Uncurbed
Class 3

Watershed: Williams River

Please provide a thorough description of the problem (ex. Roadway has steep slope with no ditch which is causing roadway erosion):

Miner Road and Pleines Roads are very steep roads. They currently have shallow ditching which is not adequate to handle the stormwater, thereby causing erosion of the roadway. The project will include the reshaping of these ditches as well as stone lining both ditches.

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):

Miner Road: Reshaping and stone lining approximately 1,786 feet of ditching.
Pleines Road: Reshaping and stone lining approximately 1,600 feet of ditching.
On both roads, work will be done from the the top of the project to the bottom ensuring that Best Management Practices are used.

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

Reshaping and stone lining the ditches will alleviate erosion of both the roadway and the slope. This elimination of erosion will help to reduce the sediment and phosphorus distributed by the Town of Chester roadways into the Williams River.



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

Progress to Date:

The site has been reviewed and identified in our Inventory. Matching funds have been set aside.

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

These two sites have been identified as medium risk sites in our Erosion Inventory. These roads are located in a remote portion of Chester. The town will be in this area mediating a high risk erosion site this summer. Mobilizing all equipment one time would be more cost efficient and time efficient, creating better use of taxpayer money.

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: Town of Chester Road Erosion Inventory 2015

No

Please list any professionals you may have contacted for assistance with this project (ANR River

Management Engineer, Army Corps of Engineers, VTrans District Technical staff, Basin Planner etc.):

Regional Planning Commission helped identify these areas through the Erosion Control Inventory performed in 2015. In addition, Jim Ryan from VTrans has visited these sites along with the town's Public Works Director.

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

Yes. The ditching for both Miner Road and Pleines Road are located in the Town of Chester's right of way.

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

Yes. All work will be completed by the Town of Chester Highway Department. All equipment used is owned by the Town of Chester as well.



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

The Grant funds will be used to purchase the required 7" stone for ditching. The town will be utilizing its road crew and equipment to perform the work. The road crew will be reimbursed at their rate of pay plus benefits per hour for 4 men for 5 days. The town's equipment will be reimbursed at the appropriate State rate. See Budget form attached.

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

The Town of Chester created a Grant Fund several years ago. The Grant Fund is funded through taxes and is voted on each year at Town Meeting. This project has been approved for expenditure through this Grant Fund for 2016.

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): \$ 15,970.80

Estimated Total Project Cost (including 20% local match): \$ 19,963.50

Estimated Completion Date: 12/31/2016

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.

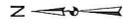
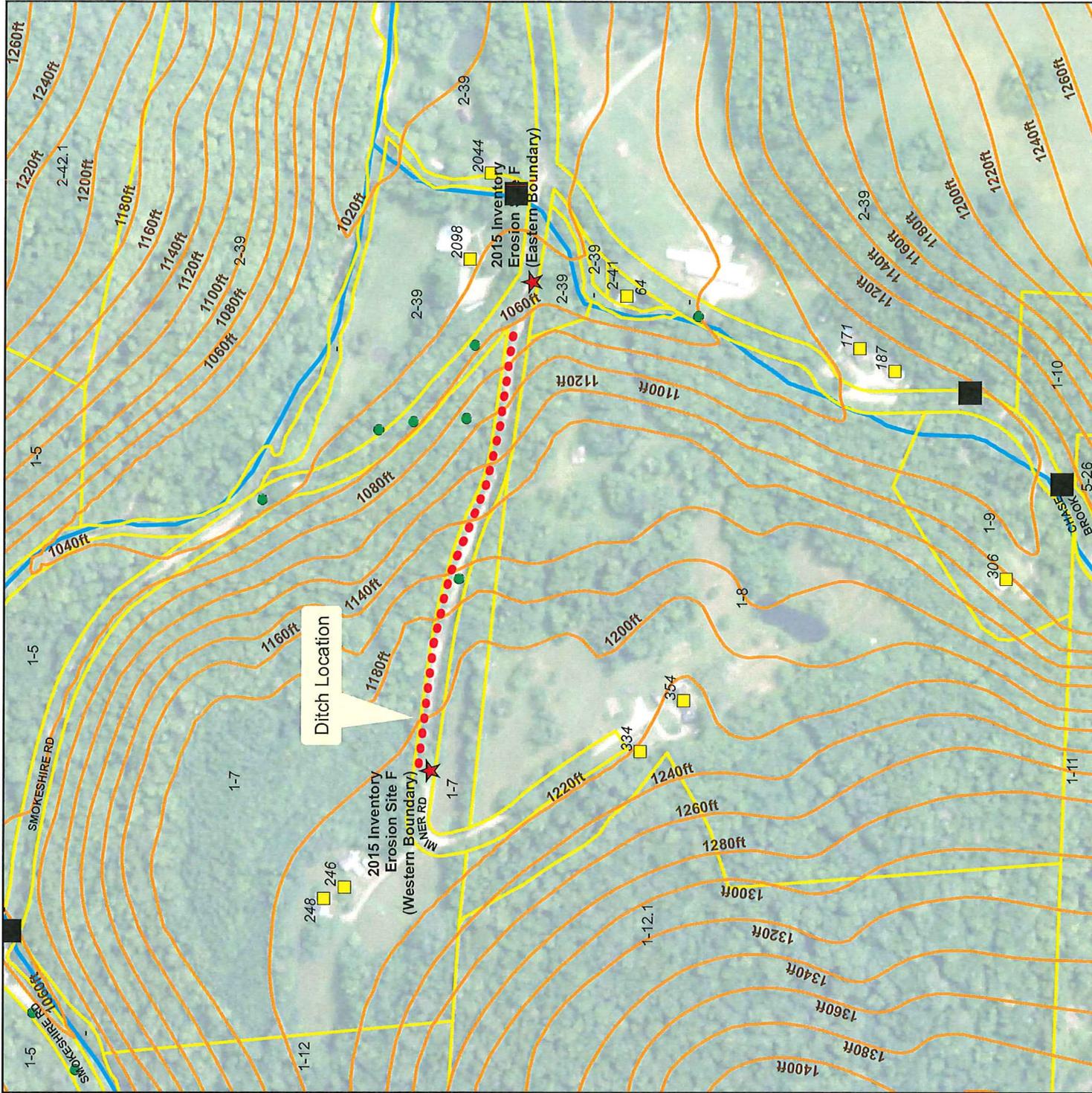
By signing this application I certify that all the information provided is accurate to the best of my knowledge. We will comply with all the requirements of the grant including making our books available for audit if required.

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

Name: David Kelly Title: Y. 12.16

Miner Site Location Map Better Roads Application 2016

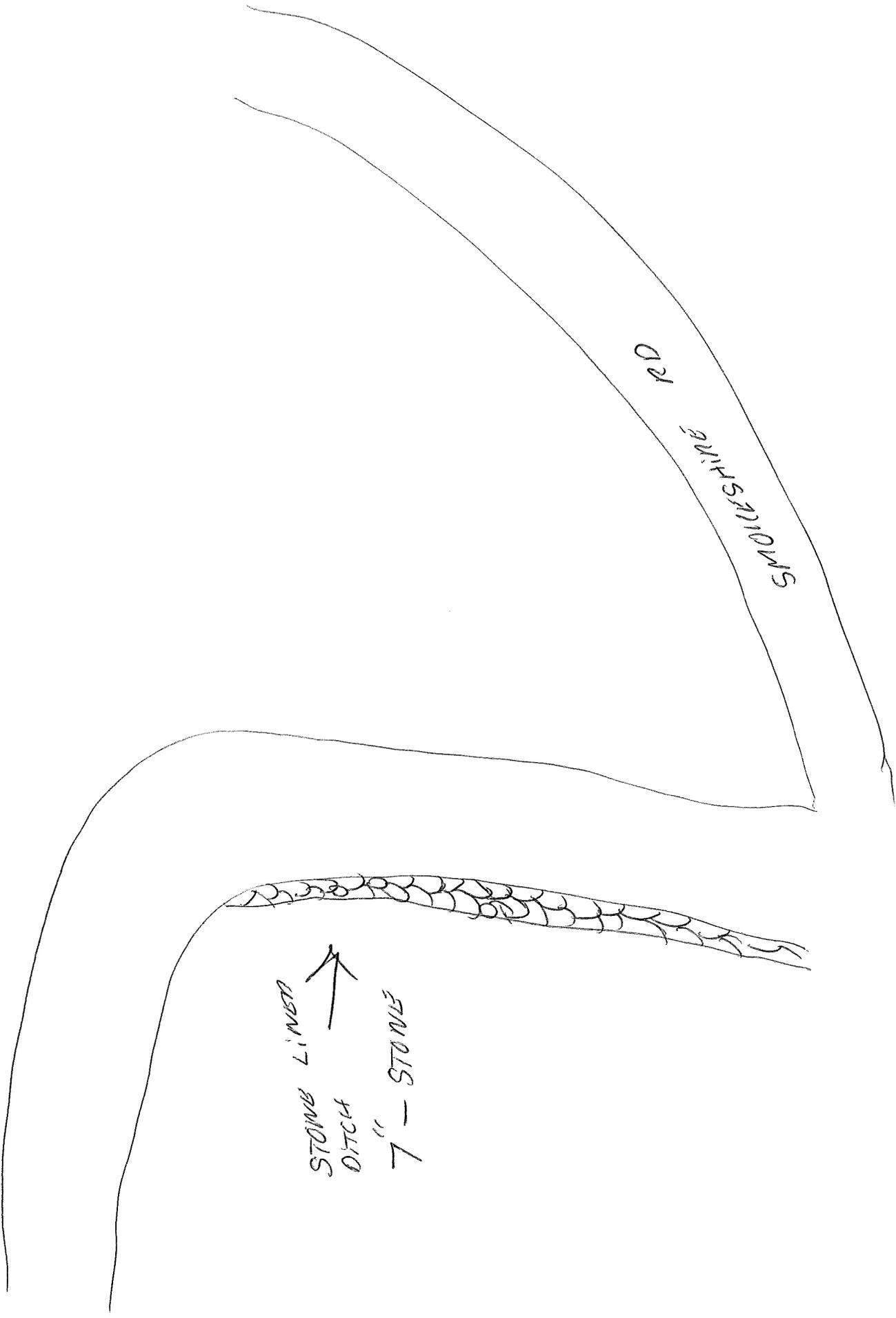
-  Town Bridge
-  Town Culvert
-  Erosion Site
-  Building
-  20ft Contours
-  Parcel boundary
-  VT State Highway
-  River or Stream
-  Lake or Pond



Map drawn April 6, 2016
by Southern Windsor County RPC

Data sources: Roads (VTrans 2015), Streams and Ponds (VHD 2008), Bridges and Culverts (SWCRPC and Town 2015), Erosion Sites (SWCRPC and Town 2015), Parcels (Cartographic Associates 2015), Contours (VCGI/USGS 2012), Aerial (NAIP 2014), Buildings (E911 2015)

MINER RD



STONE LINING

DITCH

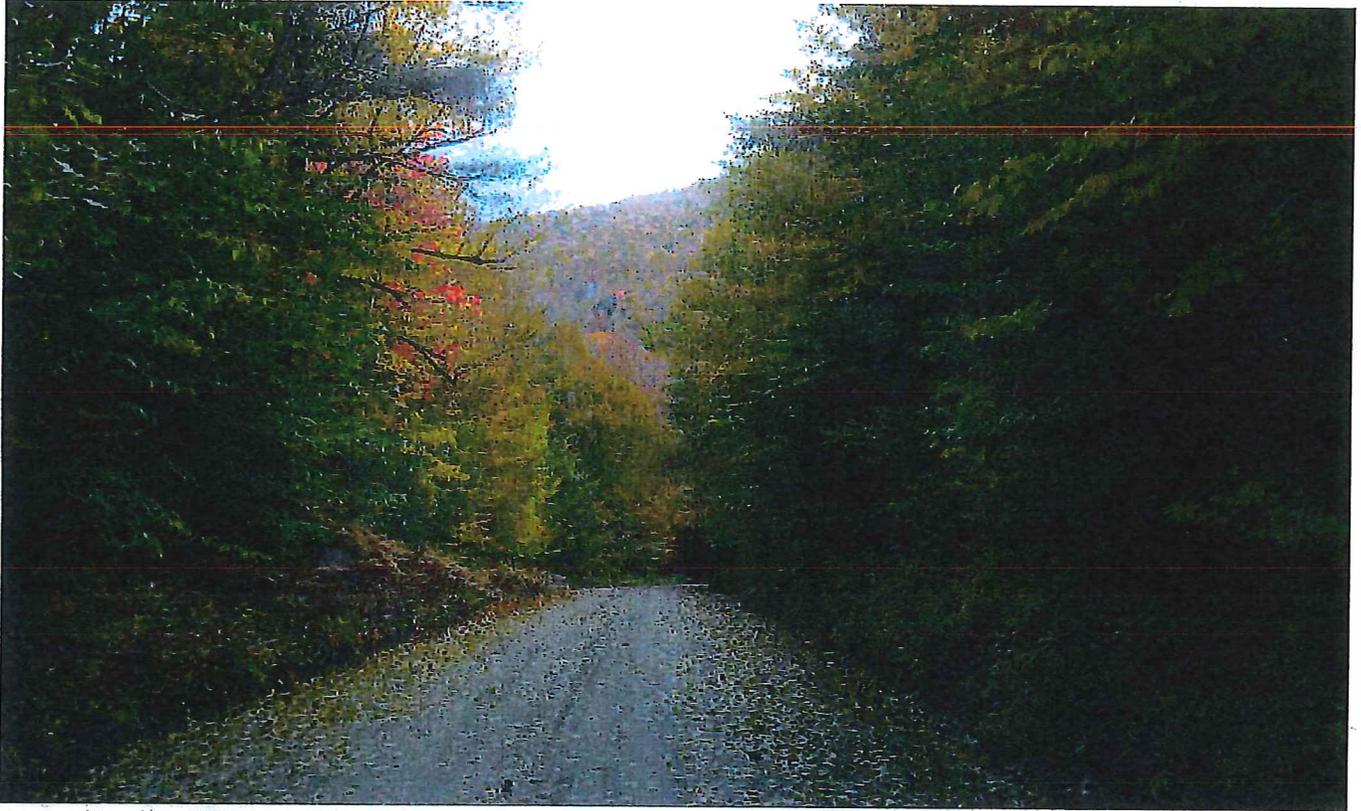
7" - STONE



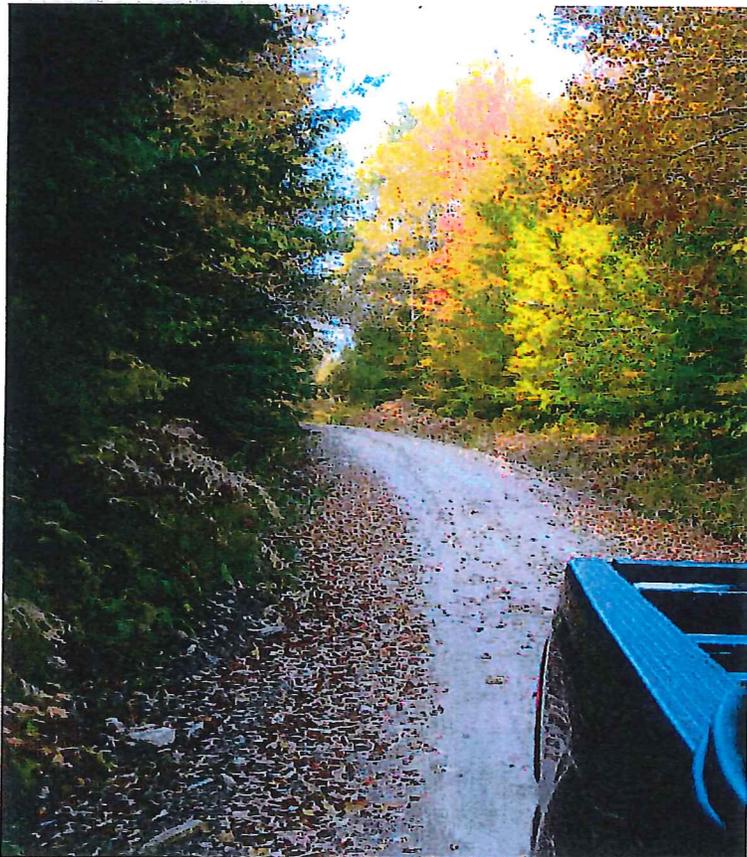
ROAD

SMOKEHOUSE

Site Photos



Top: Looking down Miner Road.



Bottom: Looking up Miner Road

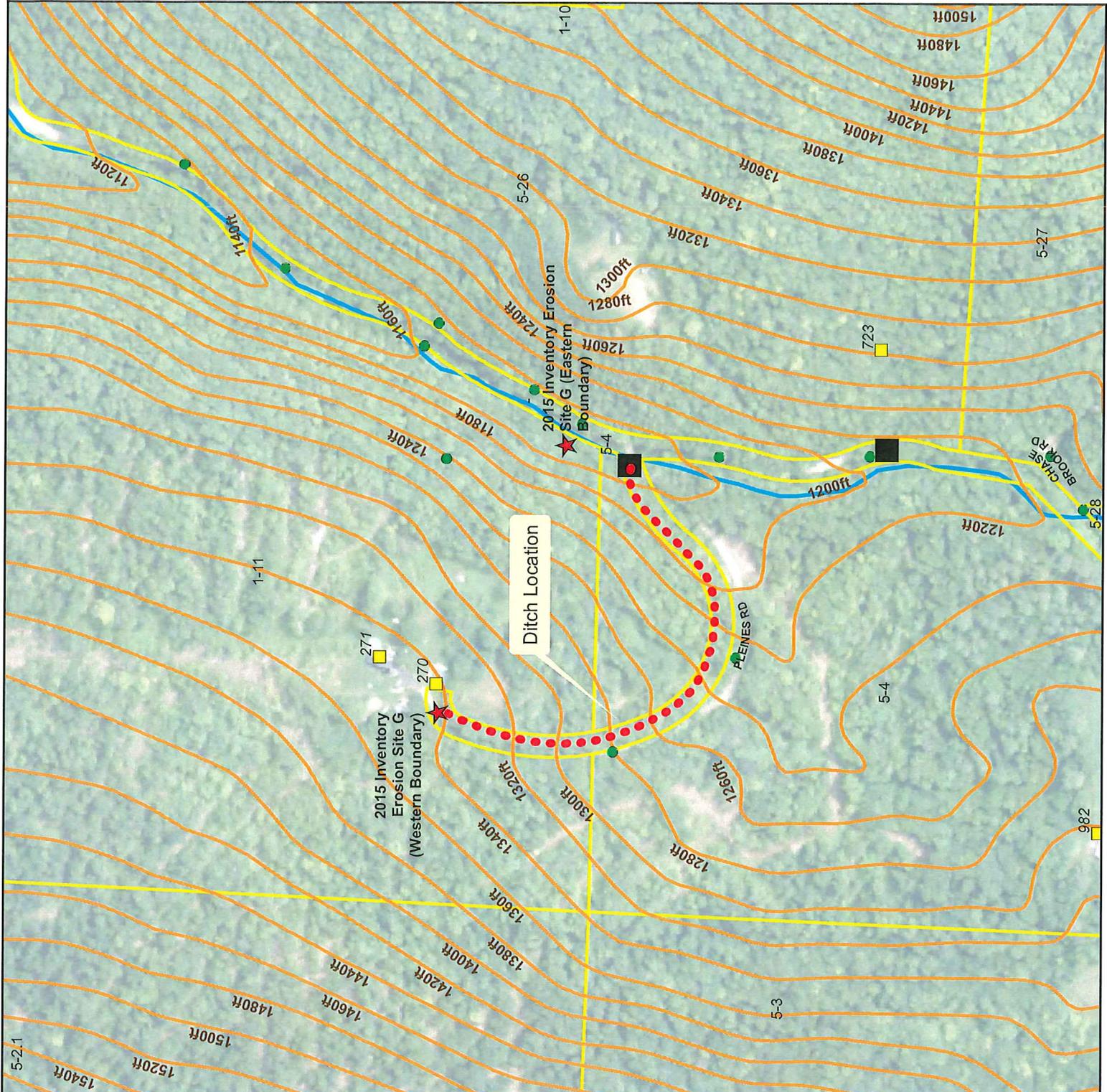
Pleines Site Location Map Better Roads Application 2016

-  Town Bridge
-  Town Culvert
-  Erosion Site
-  Building
-  20ft Contours
-  Parcel boundary
-  VT State Highway
-  River or Stream
-  Lake or Pond

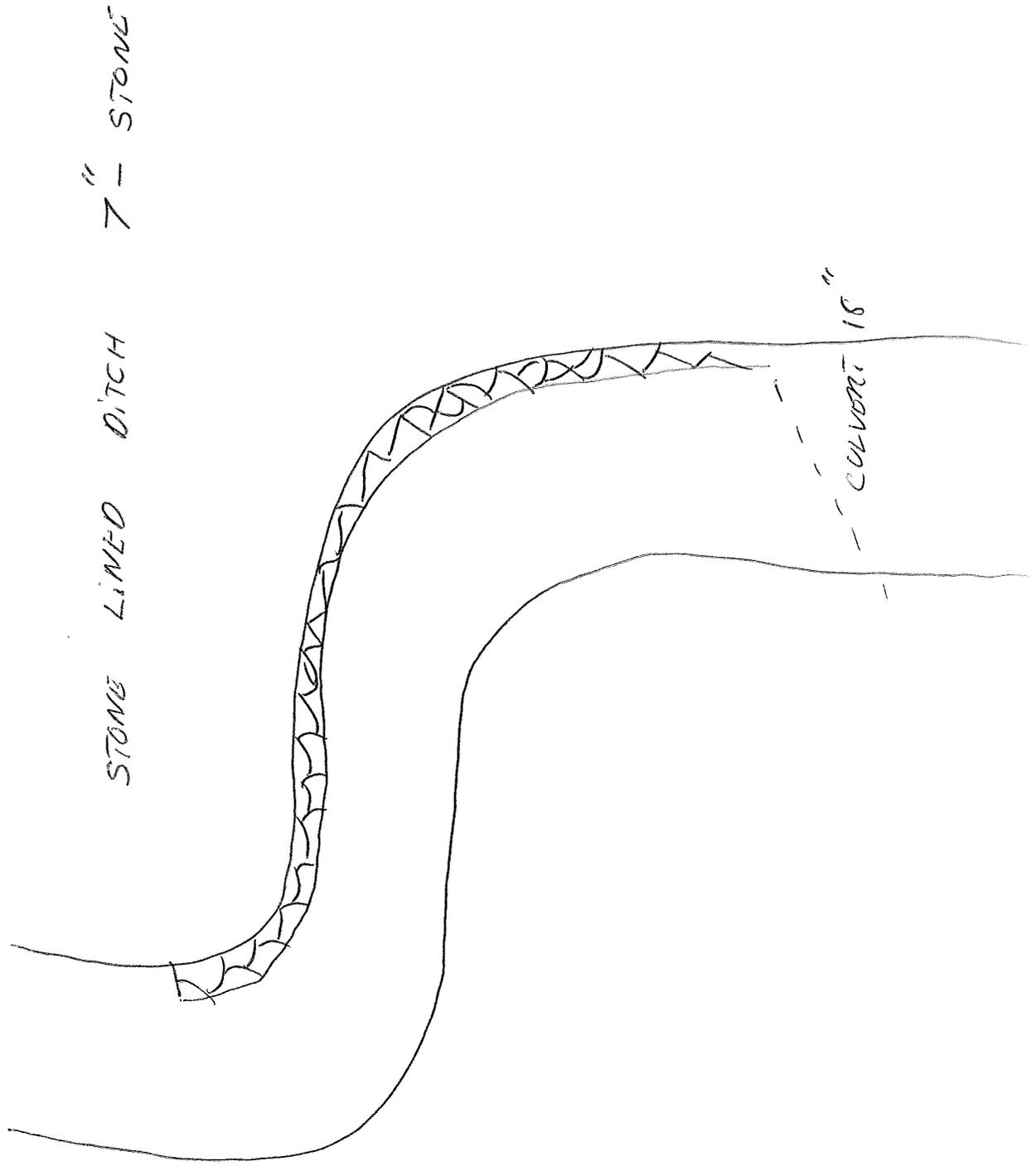


Map drawn April 6, 2016
by Southern Windsor County RPC

Data sources: Roads (VTrans 2015), Streams and Ponds (VHD 2008), Bridges and Culverts (SWCRPC and Town 2015), Erosion Sites (SWCRPC and Town 2015), Parcels (Cartographic Associates 2015), Contours (VCGI/ USGS 2012), Aerial (NAIP 2014), Buildings (E911 2015)



PLEINES RD



STONE LINED DITCH 7" - STONE

CULVERT 18"

Pleines Road

Site Photos



Top: Looking down Pleines Road.



Bottom: Stream just beyond edge of roadway.



**SOUTHERN WINDSOR COUNTY
REGIONAL PLANNING COMMISSION**

Ascutney Professional Building, Route 5
Post Office Box 320, Ascutney, VT 05030
802 674-9201 www.swcrpc.org

April 11, 2016

Alan May
Vermont Agency of Transportation Municipal Assistance Bureau
1 National Life Drive
Montpelier, VT 05633

Subject: Miner and Pleines Project in Chester- 2016 Better Roads Application

Dear Alan,

We are writing in support of Chester's application for the Miner and Pleines project. Katharine Otto from our office visited the site in October 2015 with town representatives. The proposed work should significantly reduce the erosion issues along these stretches of Miner and Pleines Road. This project was identified as two separate sites, both of medium priority, in the Town's 2015 Road Erosion Inventory which was completed by SWCRPC and the Town.

This project also supports the following goals and policies of the 2014 Southern Windsor County Regional Transportation Plan:

- Goal 6 - Strive to provide transportation infrastructures that are resilient to changing weather patterns and that efficiently and safely handle traffic during natural hazard events and other emergency situations.
- Policy 11 - Maintenance of the existing transportation system shall minimize water pollution, in accordance with the current Vermont Town Highway Codes and Standards, State stormwater rules and other best management practices.

Thank you for your consideration of this important project.

Sincerely,

Thomas Kennedy
Executive Director