



# FY17 Vermont Better Roads Grant Application

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

Town/Organization: Town of Danby Contact Person(s): Charlie Bush

Address: 130 Brook Road Danby, VT 05739

Street Address: \_\_\_\_\_ Town: \_\_\_\_\_ Zip: \_\_\_\_\_  
Email: danbytownclerk@vermontel.net Phone: ( 802 ) 293 - 5137

DUNS #: 3562420320 Fiscal Year End Month (MM): 6

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) **(4)**
- 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, VTtrans 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: Town of Danby

Project Name: Correction of Road Related Erosion Problem - Ditching

Road Name: Danby-Pawlet Road TH #: 1 Structure # (if applicable): \_\_\_\_\_

Road Type: Paved Uncurbed

Class 2

Watershed: Otter Creek Watershed

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

Starting approximately 0.25 miles west of the intersection with Tinmouth Rd, and running west from there, Danby-Pawlet Rd lacks effective ditching on both its north and south sides. Currently the ditching on the south side is brush-lined and the pavement is deteriorating due to inadequate drainage.

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):

The project will consist of 1200 feet of ditching (600 feet on both north and south side). This will entail brushing, mulching and hydroseeding the ditch slope to create a stable ditch.

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

Water will flow properly through the site to culvert #191, currently a 48" elliptical steel corrugated structure (which will be replaced as part of a Category D project). Silt and other unhealthy types of runoff into the local stream to the south and stream passing through culvert #191 will be reduced as well.



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

Progress to Date:  
No progress

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Is there an emergency reason this project must be completed quickly? If yes, please explain:  
Currently not an emergency, but the drainage issue is affecting the pavement on Danby-Pawlet Road.

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: Draft highway capital budget plan  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.):  
ANR River Management Engineer, VTrans District and Better Roads Program Manager all visited the site.

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

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:

Grant funds will be used for material and equipment.

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

In-kind from town labor

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): \$ 11,028.85

Estimated Total Project Cost (including 20% local match): \$ 13,786.06

Estimated Completion Date: 11/01/2016

**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: *John Brudenant*

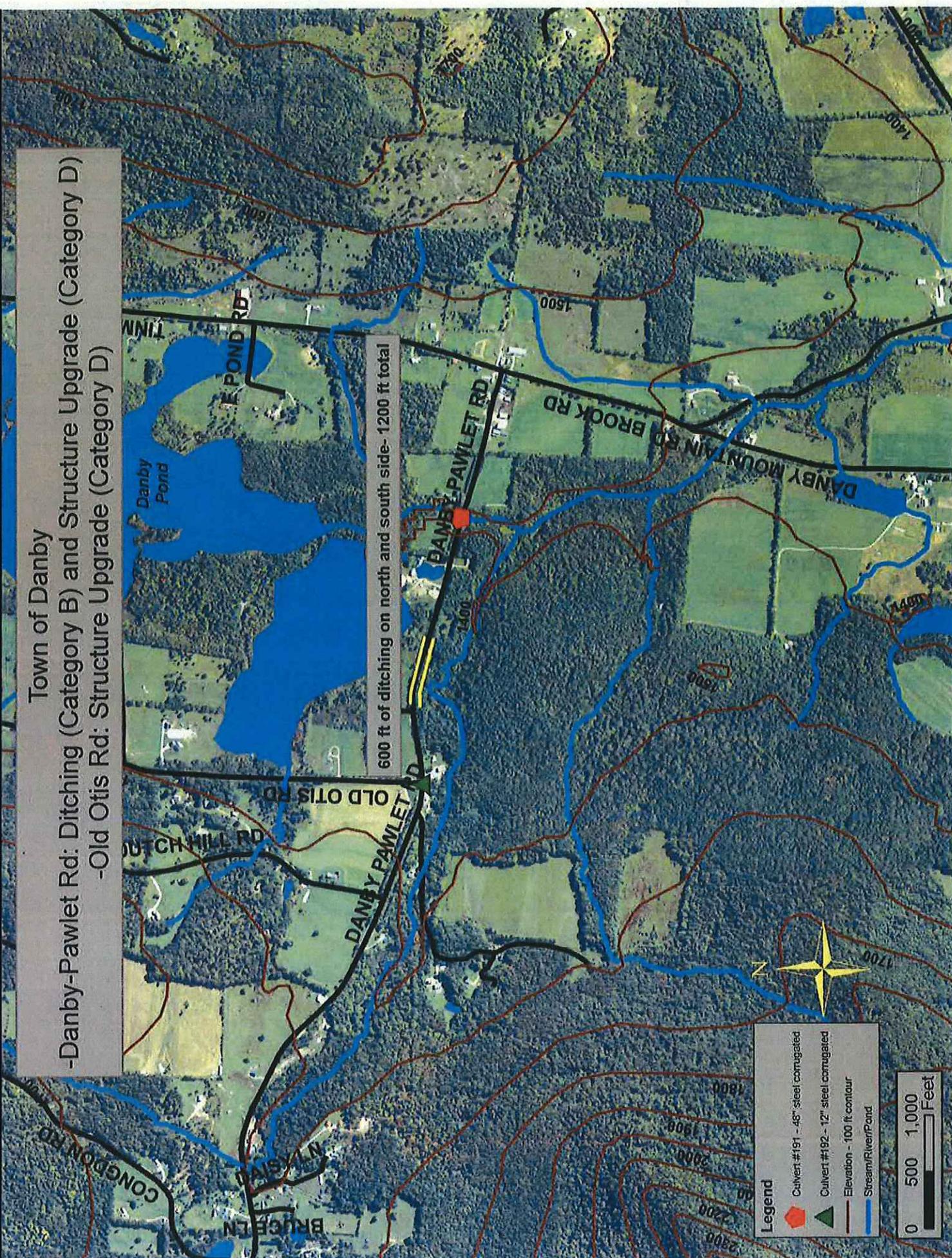
Title: *Select Board Chair*



Town of Danby

- Danby-Pawlet Rd: Ditching (Category B) and Structure Upgrade (Category D)
- Old Otis Rd: Structure Upgrade (Category D)

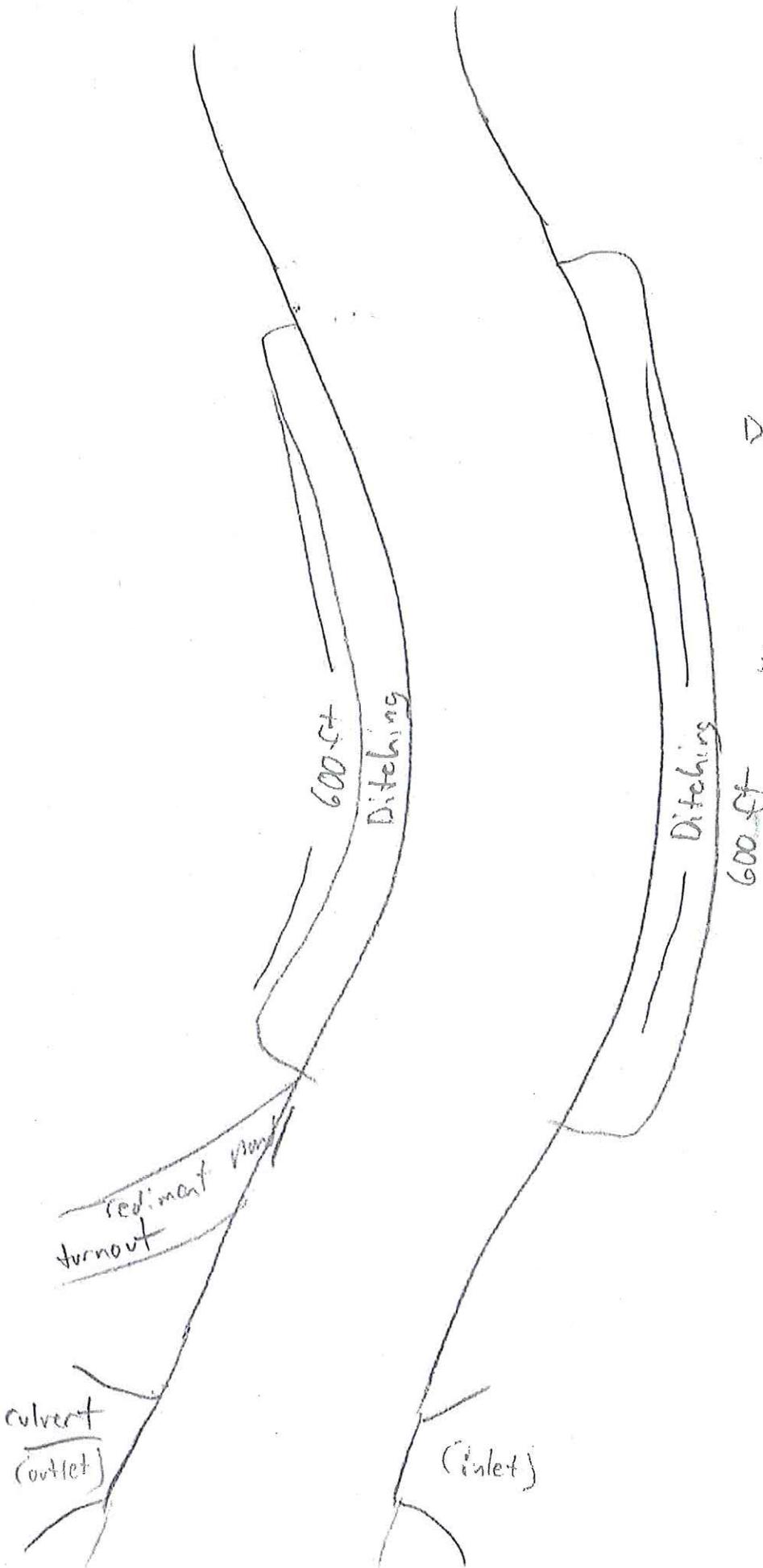
600 ft of ditching on north and south side- 1200 ft total



**Legend**

- Culvert #191 - 48" steel corrugated
- Culvert #192 - 12" steel corrugated
- Elevation - 100 ft contour
- Stream/River/Pond



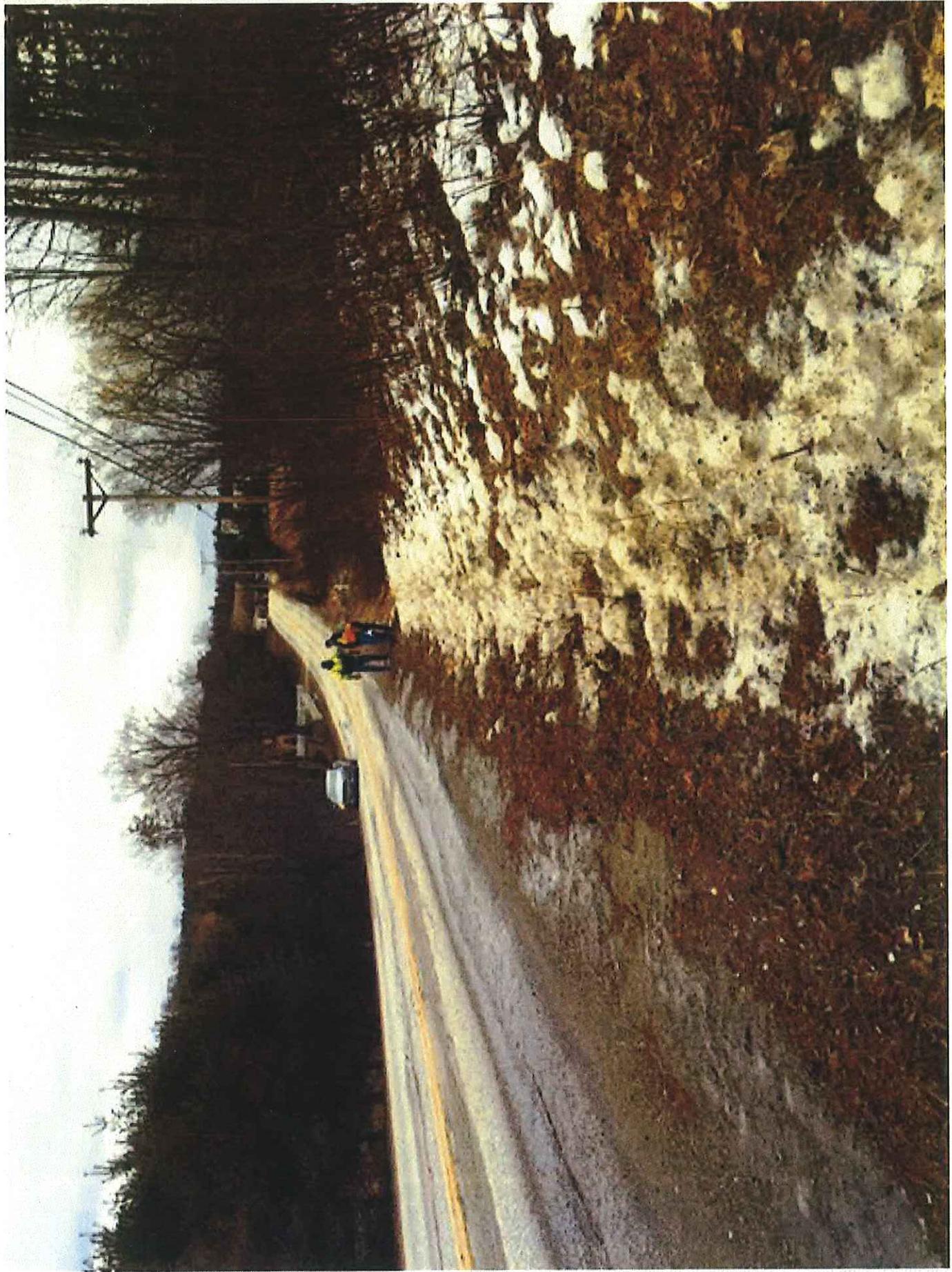


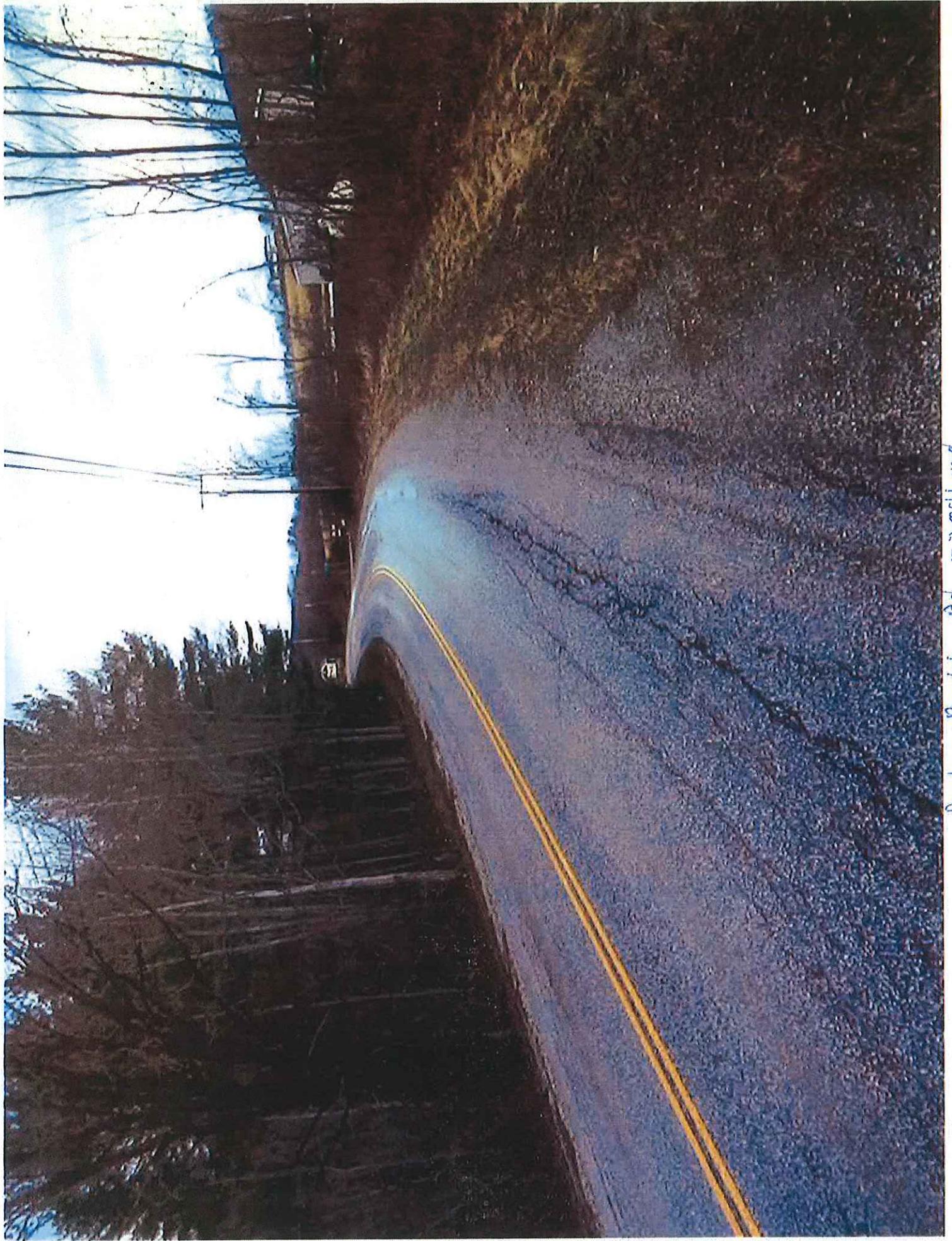
Danby  
Danby - Pawlet Rd  
Category B  
Ditching

\* not to scale \*

2 →

Danby - Pawlet Rd - eastbound

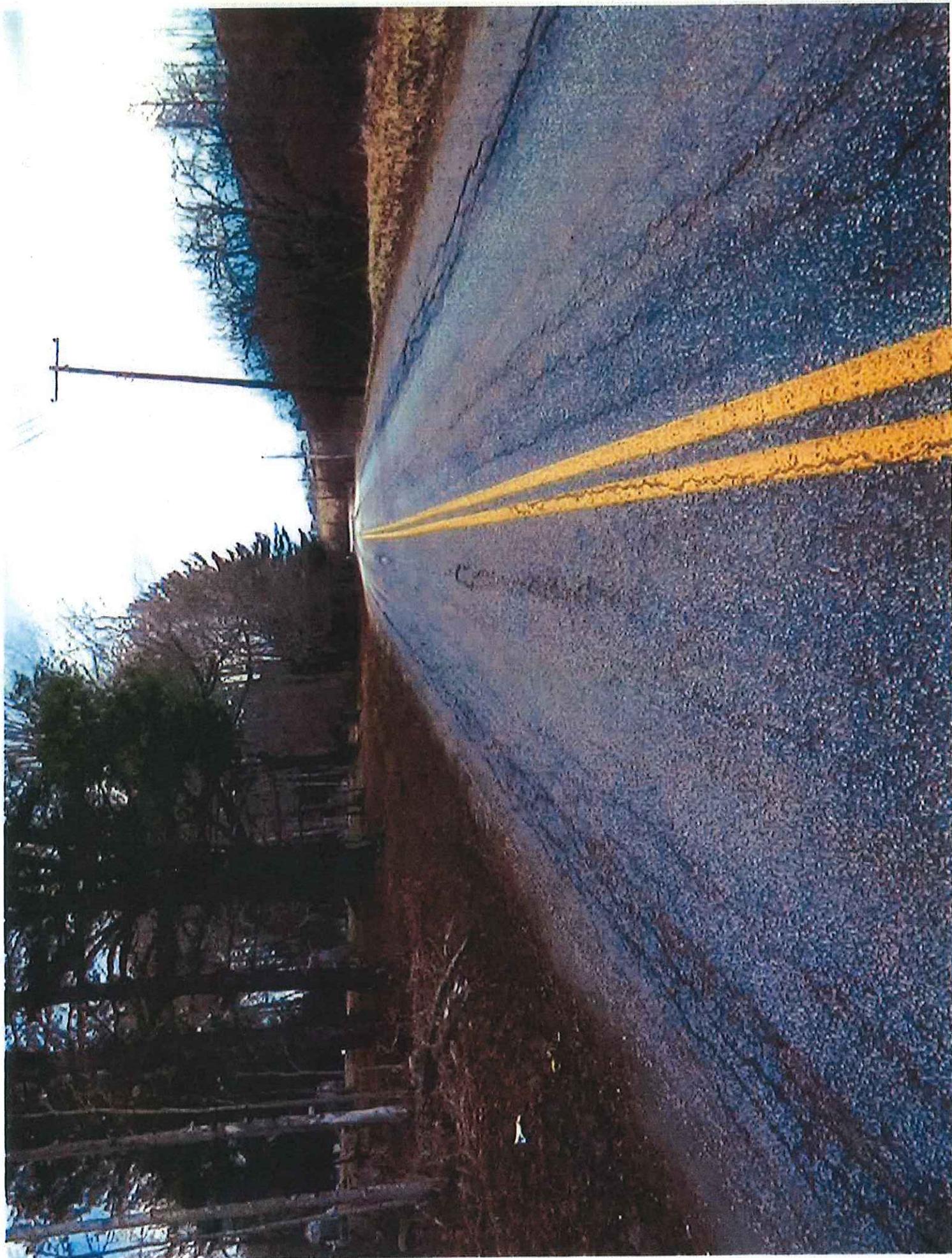




Danby - Pawlet Rd - westbound



Dunby - Pawlet Rd - west bound



Dunby - Pawlet Rd - westbound



April 11, 2016

Mr. Alan May  
Better Backroads Coordinator  
VTrans  
I National Life Drive  
Montpelier, VT 05633

Dear Alan:

This letter supports the application from the Town of Danby's Better Roads Grant application for a Category B for ditching on Danby-Pawlet Road. Drainage is inadequate along this road and this site is a high priority project for erosion/water quality control. This will help improve the resiliency of the road.

This work is necessary and vital for the Town's infrastructure and we strongly support this application.

Sincerely,

*Susan Schreibman*

Susan Schreibman  
Assistant Director

cc: Regional Commissioner – Danby  
Selectboard Chair – Danby  
Transportation Council Commissioner – Danby

RUTLAND REGIONAL PLANNING COMMISSION  
The Opera House, P.O. Box 965, Rutland, VT 05702  
802-775-0871; FAX 802-775-1766  
[www.rutlandrpc.org](http://www.rutlandrpc.org)