



Priority 1

FY17 Vermont Better Roads Grant Application

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

Town/Organization: Town of Dummerston Contact Person(s): Lee Chamberlin

Address: 1523 Middle Rd 5 Dummerston VT 05346
Street Address Town Zip

Email: townoffice@dummerston.org Phone: (802) 257 - 1496

DUNS #: 15-235-2600 Fiscal Year End Month (MM): June

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: Dummerston Highway

Project Name: Upper Dummerston Rd ditch line

Road Name: Upper Dummerston Rd TH #: 4 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: West River

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

The stream runs approximately 10' from the edge of road. The stream is eroding into the shoulder of the road.

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):

We are planning on diverting the water by pumping and then we will remove the fill and replace with Riprap.

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

+ No more erosion between road and stream, two foot shoulder along Rd. and this will stabilize the shoulder.



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:

small quantities of rip rap

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

paving schedule is for 2017

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: spreadsheet Erosion Problems 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.):

Emailed Todd Menees

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).

some - spread sheet



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

spread sheet

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

in kind

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): \$134,666.40

Estimated Total Project Cost (including 20% local match): \$168,333.00

Estimated Completion Date: Aug 28 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: Zeke Goodson

Title: Select board chair

Sheet1

UPPER DUMMERSTON DITCH LINE

rip rap stream bank 250'x7'x3'	excavator 27 hrs	10 wheeler 27 hrs	loader 12 hrs	backhoe 24 hrs	dump truck 48 hrs	one ton 12 hrs	town hrs 108 hrs	gravel 30 yds	rip rap 195 yds
	\$140 hr	\$85 hr	\$55 hr	\$33 hr	\$35 hr	\$20.00	\$27 hr	\$12 per yd	\$18 per yd
total	\$3,780.00	\$2,295.00	\$660.00	\$792.00	\$1,680.00	\$240.00	\$2,916.00	\$360.00	\$3,510.00
materials									
Rip rap	\$3,510.00								
gravel	\$360.00								
Posts 20	\$300.00								
total	\$4,170.00								
contractor									
Pump 3 days	\$150.00								
compactor	\$150.00								
excavator	\$3,780.00								
10 wheeler	\$2,295.00								
total	\$6,375.00								
town	\$6,288.00								
total	\$16,833.00								
total waste removed	200 yds								
Reuse	50 yds								

Property Location

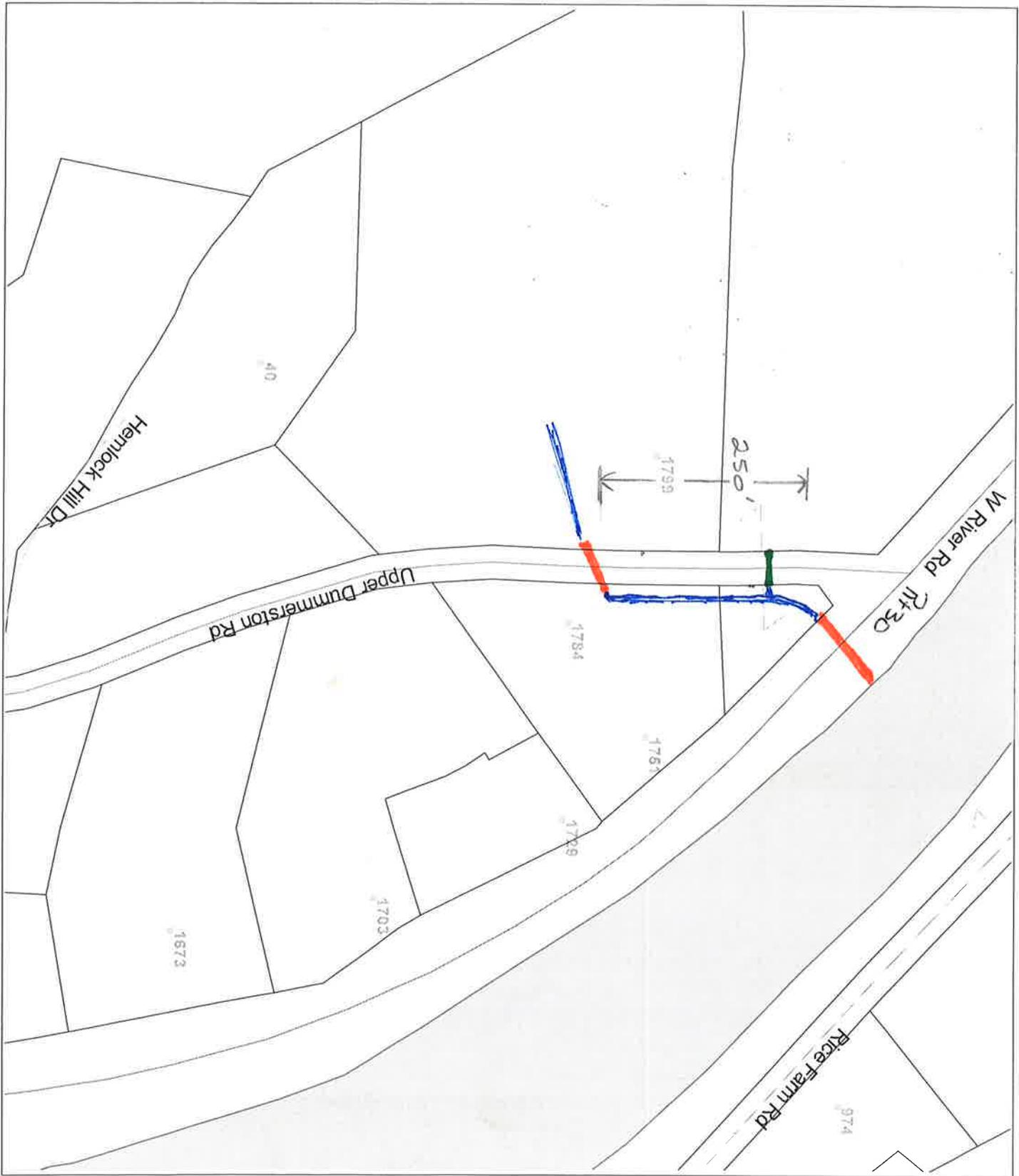


Property Information:

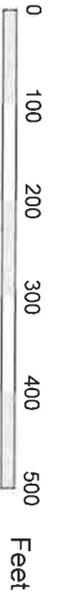
18" culvert
2' culvert

Stream

The Town of Dummerston and CTI assume no liability as to the sufficiency, accuracy, or the user's interpretation of the data delineated hereon. Current to April 1, 2013. This map is for assessment purposes only. It is not to be used for description, conveyance, or determination of legal title.



Scale 1:2,400
1 inch = 200 feet



Printed on: February 8, 2016

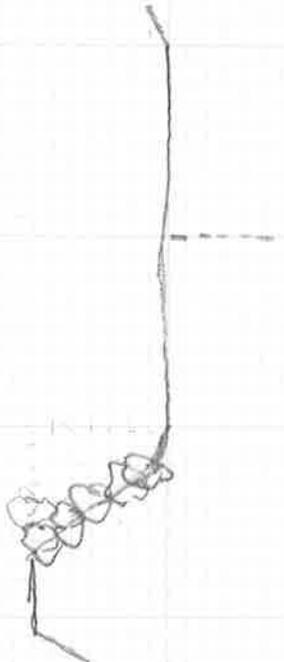
Upper Dummerston Rd



South end 5' Drop From Rd to Stream



Middle U' Drop From Rd to Stream



N End 11' Drop From Rd to Stream

Sheet1

TOWN OF DUMMERSTON EROSION PROBLEMS

	SOLUTION	FUNDING	COSTS
#1	Upper Dummerston Rd across from house # 1799 ditch line shoulder erosion	remove falling in material rip rap between road and stream	better back road grant 2016 category c \$16,833.00
#2	Upper Dummerston Rd culverts .08 mile class 2 poor, short erosion	replacing 7 culverts they are poor and short headers are poor	better back road grant 2016 category d \$33,212.00
#3	Wickopee Hill Rd rd narrow Water is eroding bank mud slide	removing trees putting in ditch rip rap bank	better back road grant 2016 category c
#4	Bear hill Rd edge of rd sliding in to stickney brook	rip rap steep bank	better back road grant 2018 category c
#5	East West rd edge of rd sliding 18" concrete culvert came apart by house #453	replace culvert rip rap outlet	better back road grant 2019 category c
#6	East West rd by covered bridge ledge along black top needs ditch line	hammer ledge install ditch line	better back road grant 2019 category c
#7	Parklaughton Rd ditch line filled in	clean out either grass or rip rap	
#8	East West rd west of Green Mt Camp Rd rd slumping	not sure	
#9	Spaulding hill Rd water runs too far	catch basins 300' 18" culvert	
#10	Parklaughton Rd by house #453 water runs too far	stone ditch extra culvert	





