



FY17 Vermont Better Roads Grant Application

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

Town/Organization: PEACHAM Contact Person(s): JEREMY WITHERS

Address: P.O. Box 244 PEACHAM 05862
Street Address Town Zip

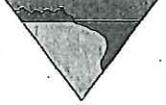
Email: peachamgarage@fairpoint.net Phone: (802) 592-3101

DUNS #: 028224574 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, 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



P#1

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: PEACHAM

Project Name: GREENBAY LOOP DITCHING & EROSION PROJECT

Road Name: GREENBAY LOOP TH #: 6 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: TRIBUTARY STREAM FEEDING INTO SOUTH PEACHAM BROOK

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

ROADWAY ERODES WITH HEAVY RAINS AND SPRINGTIME RUNOFF DUE TO SHALLOW DITCHES ON STEEPER SLOPED SECTION OF ROAD. UNDERSIZED CROSS PIPES DO NOT ALLOW RUNOFF TO MOVE FREELY.

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):

RESHAPING OF DITCH AND ROAD SURFACE TO ALLOW FOR BETTER RUNOFF. REPLACING UNDERSIZED CROSS PIPES TO ALLOW RUNOFF TO RELEASE MORE FREELY. STONE LINE DITCH WHERE NEEDED TO LIMIT EROSION.

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

RESHAPING ROADWAY AND RESHAPING & ARMORING DITCH WILL REDUCE OR ELIMINATE SEDIMENTS FROM ENTERING STREAM AT BOTTOM OF PROJECT.



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:

N/A

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

No

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, VTrans District Technical staff, Basin Planner etc.):

KEVIN GADAPPE : DISTRICT 7 GENERAL MAINTENANCE MANAGER

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 ; WE WILL BE PROVIDING TRUCKING, GRADING & LABOR ALONG WITH ALL MATERIALS. WE WILL CONTRACT OUT FOR THE EXCAVATION.



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

SEE ATTACHED "COST ESTIMATE WORKSHEET"

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

WE WILL MEET THE REQUIRED 20% MATCH WITH TOWN LABOR & TOWN
EQUIPMENT AND ALSO SUPPLYING ALL MATERIALS

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): \$20,000.00

Estimated Total Project Cost (including 20% local match): \$32,066.00

Estimated Completion Date: FALL OF 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.

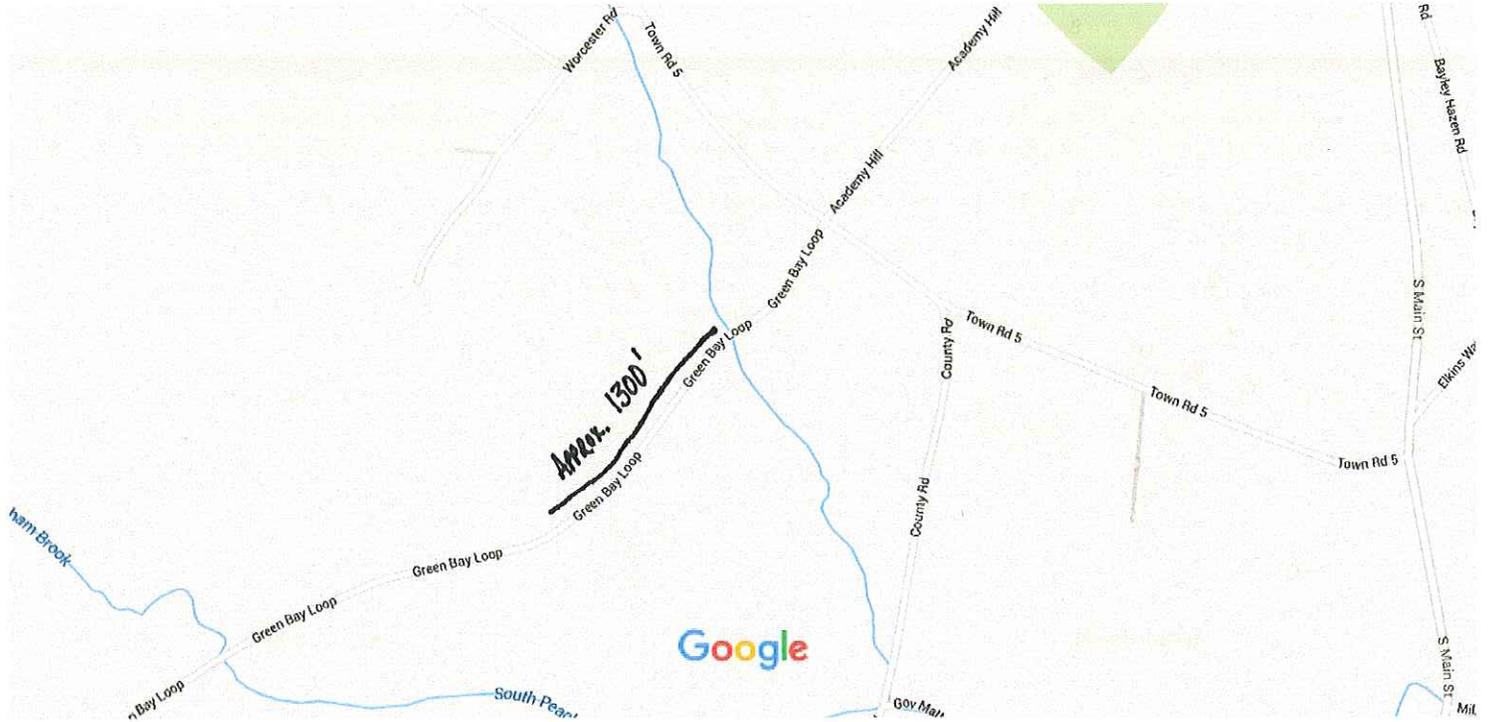
By signing this application I certify that all the information provided is accurate to the best of my knowledge. We will comply with all the requirements of the grant including making our books available for audit if required.

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

Town of Peacham

Name: By Annette Lorraine

Title: Selectboard Chair



Map data ©2016 Google 500 ft

Google Maps

NOT TO ANY
SCALE

TOWN
R.O.W.

UPGRADE
TO 18" CGMP

15" CROSS PIPE

15" CROSS PIPE

15" CROSS PIPE

6" CROSS PIPE

STONE LINED DITCH

STONE LINED DITCH

STONE LINED DITCH

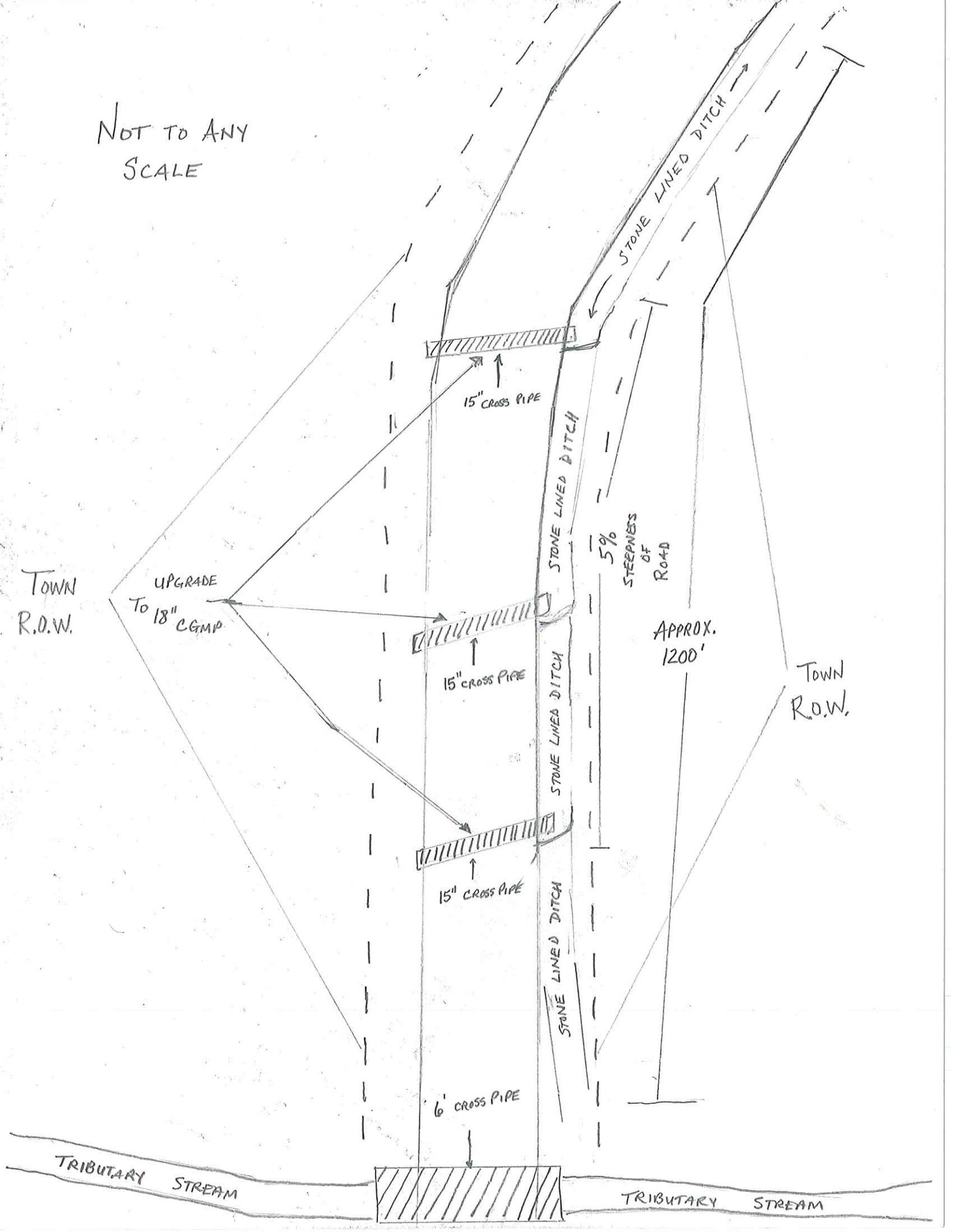
5%
STEEPNESS
OF
ROAD

APPROX.
1200'

TOWN
R.O.W.

TRIBUTARY STREAM

TRIBUTARY STREAM



GREENBAY LOOP



State of Vermont
District 7
1068 US Route 5, Suite 2
St. Johnsbury, VT 05819-8501
www.aot.state.vt.us

[phone] 802-748-6670
[fax] 802-748-6671
[ttd] 800-253-0191

Agency of Transportation

April 12, 2016

RE: Town of Peacham Better Road Project

Alan,

The Town of Peacham is applying for a Category B, Better Roads Program Grant for 2016. The Highway Foreman, Jeremy Withers asked me to write a letter of support for his project. In my former position as the Vermont Local Roads Branch Manager, I worked with Jeremy on this project and several others. This particular project on Green Bay Loop has been a reoccurring issue for many years. Hard rain and springtime snow melt erodes the edges of this road on this 6% - 9% grade gravel road.

Jeremy has developed a plan, using BMP's he pulled from the Better Backroads manual. He is going to ditch and reshape approximately 1200' of ditch, armor this ditch with 6" - 8' erosion stone, change 3 undersized cross pipes and add better graded surface material in an attempt to stop the constant erosion along the shoulders, filling his ditch.

This project will make this section of road much more resilient to hard rain events and springtime run-off problems. Also, there is a large water quality benefit. Materials eroding off this hill currently flow into a tributary that then flows into the South Peacham Brook. Using BMP's described, this project will significantly reduce or even completely stop this material from reaching this stream eliminating sediment from entering this brook.

Thanks Alan for considering Jeremy's project to be funded under the Cat B section of your Better Roads Program. If you have any questions that I can help answer, please don't hesitate to call, 802-461-8764.



Kevin Gadapee
AOT District 7
Transportation General Maintenance Manager