



Priority #4



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 Manchester

Project Name: River Road

Road Name: River Road TH #: 24 Structure # (if applicable): _____

Road Type: Paved Uncurbed
Class 2

Watershed: Battenkill River

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

Culvert is failing and is undersized for the feeding culvert. Private 18" culvert feeds 3' away into 12" town culvert, which erodes inlet and overtops. Outlet is firehosing & creating scour.

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):

Replace 12" culvert with 18" culvert. Feeding culvert is 18". Will add headers onto culvert ends.

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

By installing proper sized culvert we will prevent further erosion, prevent overtopping & scour at inlet and outlet.



Distance from end of project to nearest water (stream, lake, or stormwater system that outlets directly to water). 50-250', but in BattenKill Flood Plain (1-2 times per year to this culvert)

Progress to Date:
None

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.):
Jim Henderson, BCRC; Rachel Beauregard, VTrans MAB

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: _____

Project Budget Attached

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

Town Labor

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): 3728⁰⁰

Estimated Total Project Cost (including 20% local match): 4660⁰⁰

Estimated Completion Date: 11/30/16

REQUIRED ATTACHMENTS:

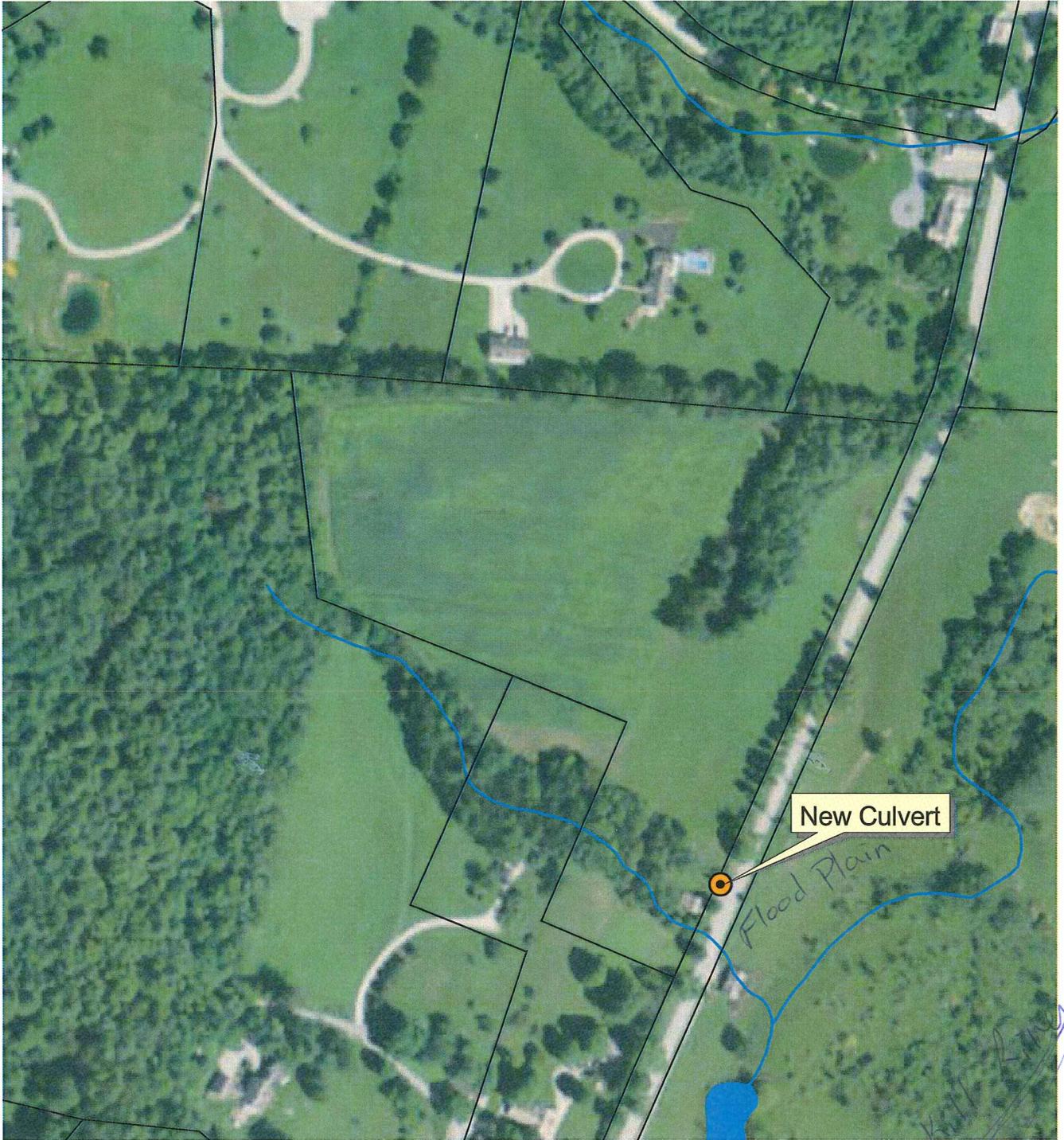
- Itemized Cost Estimate (labor, equipment, materials)
(For assistance, call Better Backroads at 802-828-4585)
- Project Location Map
(Please show location of affected water; 1:12,000 USGS map, if possible)
- Sketch of proposed erosion control measures, including:
 - Distances (ft.)
 - Estimate of waste & borrow quantities
 - Approx. location of town/other right-of-way and/or property lines
- Photo(s) of the project area.
- N/A* 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: _____

Title: Town Manager



**River Road
2017 Better Road Grant Proposal
Manchester, Vermont**

Parcel Lines









Bennington County Regional Commission

111 SOUTH STREET • SUITE 203 • BENNINGTON, VERMONT 05201 • (802) 442-0713 OR 442-0682 • FAX
(802) 442-0439

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

April 11, 2016

Dear Alan,

Please accept this letter expressing BCRC's support of The Town of Manchester's proposal for funding through the Vermont Better Roads Grant Program to produce a road and culvert inventory with a capital budget and replace/upgrade culverts on Richville Road, River Road and Three Maple Drive. The last Manchester road and culvert inventory was produced in 2006 and lacks most of the attribution required by VT CULVERTS. BCRC will produce the road and culvert inventory using state protocols and prioritize high erosion sites. The Town of Manchester Highway Department and Select Board will develop the Capital Budget based on BCRC's inventory.

BCRC staff have visited the culvert replacement sites with Jeff Williams, Manchester Road Foreman. All these culverts are in the Batten Kill watershed and are in deteriorated conditions.

Thank you for your consideration of these important projects.

Sincerely,

Jim Henderson
Environmental Program Manager