

Priority #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 Manchester

Project Name: Beech Street

Road Name: Beech Street TH #: 321 Structure # (if applicable): _____

Road Type: Paved Uncurbed

Class 3

Watershed: Battenkill River

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

5' culvert needs to be re-lined as it is failing. Failure would cause erosion and severely erode golf course and roadway.

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):

Re-line culvert.

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

By re-lining the culvert we will prevent a failure, thus storing erosion.



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

Progress to Date:

None

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

Yes, culvert will fail within a year if it is not re-lined.

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.):
Joshua Carvajal, ANR, VTrans MAB - Rachel Beauregard

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).

No, the work will be sub-contracted.



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?:

Capital Budget

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): 7608⁰⁰

Estimated Total Project Cost (including 20% local match): 9510⁰⁰

Estimated Completion Date: 11/30/2016

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.

N/A

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

Google Maps



Imagery ©2016 Google, Map data ©2016 Google 50 ft

Google Maps



Main Road Culvert Sleeve Estimate.xlsx

Open with

	A	B	C	D	E	
1	VLR/ Town Project Repair Estimate			Report No.	WH-01	
2				Inspection Date	3/9/2016	
3	LOCATION OF PROJECT: N 43.6399- W 73.3094			Route #	TH-01	
4	DESCRIPTION OF DAMAGE: Culvert in Critical Condition					
5						
6	DESCRIPTION OF REPAIR: Sleeve					
7	PREPARED BY: Todd Eaton					
8	COST ESTIMATE					
9	Pay Item	Unit	Description of work	Quantity	Unit Price	Cost
10		HR	EXCAVATOR W/ OPERATOR	14	125	
11		LF	SLEEVE MATERIAL	100	\$40.00	
12		CY	FLOWABLE FILL	3	\$250.00	
13		LS	FORMING MATERIALS	1	\$1,000.00	
14		LS	PUMP TRUCK	1	\$1,000.00	
15		LS	DEC PERMITTING	1	\$200.00	
16	613.10	CY	STONE FILL TYPE I	10	10	
17	630.15	HR	FLAGGERS	16	\$100.00	
18						
19				SubTotal		
20						



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