



FY17 Vermont Better Roads Grant Application

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

Town/Organization: Town of Manchester Contact Person(s): Leslie Perra / Jeff Williams
 Address: 6039 Main St. Manchester CT, VT 05255
Street Address Town Zip
 Email: l.perra@manchester-vt.gov Phone: (802) 362-1313 x 2
 DUNS #: 019105972 Fiscal Year End Month (MM): 06
 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

Priority #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: Town of Manchester

Project Name: Richville Road

Road Name: Richville Road TH #: 26 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):

Culverts are undersized, causing erosion. Also, some of the culverts are failing. Two Culverts overtop and usually take out part of the roadway.

1. Catch basin extension
2. Replace 30' culvert & build catch basin
3. Replace to 18" undersized 4. Replace to 24" undersized.

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):

Undersized 12" culverts will be replaced with 18" culverts. One culvert will be changed to 18" and one to 24". A hydraulic study was performed on one of the culverts, but were looked at and accepted by ANR on others.

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 and many yards of sediment will not enter stream if they don't overtop.



Distance from end of project to nearest water (stream, lake, or stormwater system that outlets directly to water). 250'+

Progress to Date:

None

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

Yes, of the culverts three could fail within the next two years.

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; Josh Carjaval, ANR; 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): 13,552.00

Estimated Total Project Cost (including 20% local match): 16,940.00

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.
- 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)

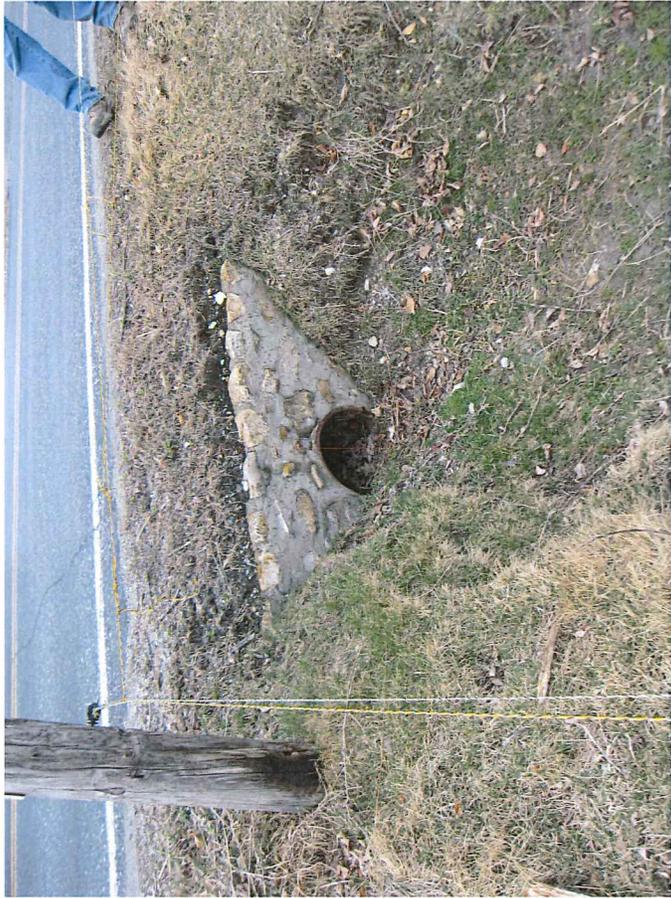
Name: _____

Title: Town Manager



10/10/20

①
②



②

①

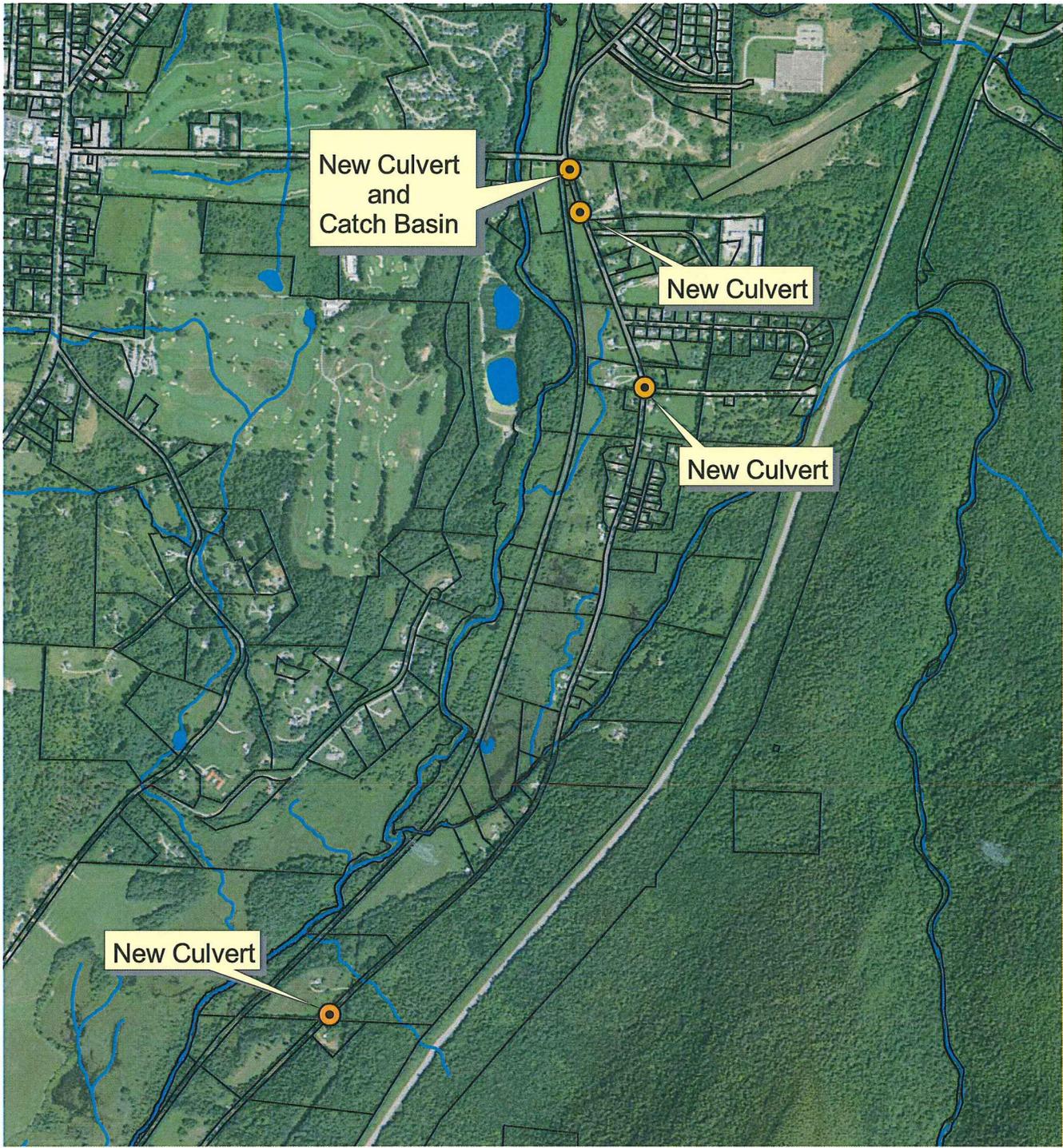


~~B~~



(H)

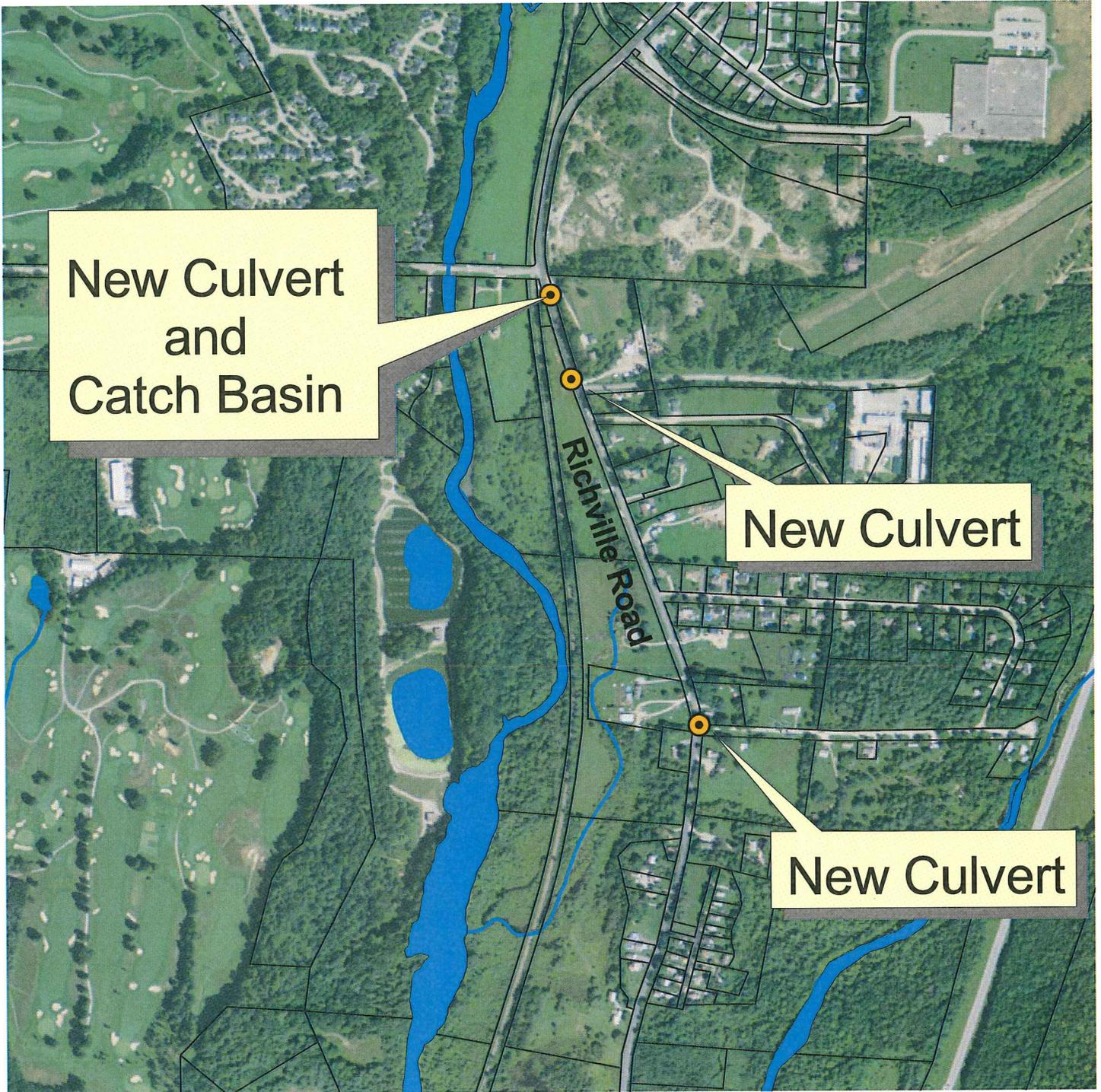
11



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

 **Parcels**





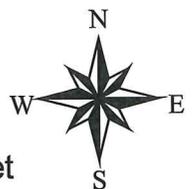
New Culvert
and
Catch Basin

New Culvert

New Culvert

**Richville Road, North End
2017 Better Road Grant Proposal
Manchester, Vermont**

-  Parcels
-  Rivers and Streams
-  Lakes and Ponds





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