



# FY17 Vermont Better Roads Grant Application

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

Town/Organization: Glastenbury Contact Person(s): Robert Faley

Address: 359 Bowen Rd. Bennington, VT 05201  
*Street Address Town Zip*

Email: Robert.Faley@vermont.gov Phone: (802)-447-2790

DUNS #:            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



# 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 Storm water Mitigation Retrofit for both gravel and paved roads**
- C. Correction of a Stream Bank or Slope Related Problem
- D. Structure/culvert upgrades

Town/Organization: Glastenbury

Project Name: Erosion and sediment control by maintaining and establishing proper ditch lines.

Road Name: Glastenbury Rd TH #: 1 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: Unnamed

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

Channel sloping and ditching that are existing fill with sediment and debris annually causing water to back up and erode shoulders and plug culverts.

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):

Ditch out Approx. 13,200' with multi culverts, stone line inlets and outlets. Seed and mulch the ditch lines to establish grass lining to stabilize the banks. This work will be starting at the top of the project working downhill to provide proper pitch for water to flow.

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

Road surface will need less maintenance after controlling erosion. Will contain sediments from flowing and backing up water flow improving water quality. Grass lining ditches and stone lining inlets and outlets will eliminate erosion and filter sediment.



Distance from end of project to nearest water (stream, lake, or storm water system that outlets directly to water). Please circle one: 0-50' 50-250' **250'+**

Progress to Date:

**None**

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

**No**

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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: **Is noted that needs to be corrected on Road Inventory.** 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.):

**VTrans District Technical staff**

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Is the project located in the town "Right of Way?" Yes, No, Both (if "Both" please explain further).

**Yes, this is a class 3 roadway and is a 3 rod road (24.75'.) All ditching will be in the towns' right of way.**

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Will the town road crew complete this work? Yes, No, Some (if "some" please explain further).

**Work to be done using VTrans work force. Glastenbury is an Unorganized Town.**

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

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

Town budget for maintenance

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): \$4,106.00

Estimated Total Project Cost (including 20% local match): \$20,530.00

Estimated Completion Date: 10/15/2016

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: [Signature] Title: 4/15/16

## Glastenbury TH-1 Ditching Estimate 4/15/2016



### Construction quantity and cost estimates

| Materials/Equipment | Quantity | Unit   | Unit Price  | Total Cost         |
|---------------------|----------|--------|-------------|--------------------|
| Trucking            | 34 Hours | 3      | \$185./hour | \$6,290.00         |
| Excavator           | 24 Hours | 1      | \$120/hour  | \$2,880.00         |
| Ditching            | LF       | 13,200 | -           | -                  |
| Loader              | 24 Hours | 1      | \$115/hour  | \$2,760.00         |
| Stone Type I        | 80 CY    | -      | \$25/CY     | \$2,000.00         |
| Seed & Mulch        | -        | -      | -           | \$1,000.00         |
| Labor               | 20 Hours | 2      | \$65/hour   | \$2,600.00         |
| Traffic control     | -        | -      | -           | \$3,000.00         |
| <b>Total</b>        |          |        |             | <b>\$20,530.00</b> |

**Construction Notes:** Construction specification and guidelines for ditching maintenance - See *Vermont Better Back Roads Manual 2009*, and the *2015 VTrans hydraulic Manual*