



FY17 Vermont Better Roads Grant Application

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

Town/Organization: Town of Lowell Contact Person(s): Amanda Carlson

Address: 2170 VT Rte 100 Lowell, VT 05847

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DUNS #: 34846923 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, VT Trans 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

No attachments

- Pics
- Map
- Sketch
- Ltr of support

SEWY
E-M.A.L.
4/20



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 Lowell

Project Name: Hazen Notch Road Bank Stabilization

Road Name: Hazen Notch Rd TH #: 1 Structure # (if applicable): _____

Road Type: Unpaved Uncurbed
Class 4

Watershed: Missisquoi River

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

Steep slopes with stone linings is causing roadway erosion. There are 2 locations on Rte 58W/Hazen Notch Rd where the road was stoned when it was built but time has taken a toll on the banks and the stones have washed away. Cement blocks and logs have been placed to help stabilize.

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):

Site #1: Two tenths of a mile west of Buck Hill Road junction.

Site #2: Four tenths of a mile west of Buck Hill Road Junction. (See attached maps)

Both locations would need rip-rap installed to mitigate further erosion.

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

Erosion would be eliminated with installation of rip-rap.



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:

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.):

N/A

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).

Local contractor will be used. Please see attached quote.



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

Please see attached quote from Bruce Pion - Navigator Environmental Services for installation of rip-rap in both locations.

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

Road Department Budget / Select Board Budget

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): \$ 5,192.00

Estimated Total Project Cost (including 20% local match): \$ 6,490.00

Estimated Completion Date: 09/30/2016

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.

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: Amanda Carlson Digitally signed by Amanda Carlson
 Date: 2016.04.11 14:51:41 -04'00'
 Title: Town Administrator