Better Roads
Clean Water You Can Afford

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VERMONT
AGENCY OF NATURAL RESOURCES

Received
APR 25 2016
VTrans
FCD-LTF

FY17 Vermont Better Roads Grant Application

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

Town/Organization: Lemington Contact Person(s): JOE DALEY - Lucie Daley

Address: 2549 River Rd Vt. 102 05903
Street Address *Town* *Zip*

Email: LemiTownC@myfairpoint.net Phone: (802-277-4814

DUNS #: 825122526 Fiscal Year End Month (MM): _____

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:

- [x] 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: Lemington

Project Name: Continuation of Ditching from 2015

Road Name: SIMS HILL ROAD **TH #:** 4 **Structure # (if applicable):** _____

Road Type: Unpaved Uncurbed

Class 3

Watershed: Connecticut River - Blodgett Brook and Mill Brook

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

Sims Hill Road is a very steep road with two ditches on either side. The ditches need to be cleaned out and new stone needs to be hauled in. It is causing the road to erode away on both sides. A portion of the Sims Hill Road was completed last year. This year we would like to continue the work on this road.

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):

The Road is so steep it requires several turnouts and stoning. The town would like to complete both sides and taking that length into consideration it is estimated to be 4,376 ft total. Broken down for each side it is a total of 2,188 feet per side. A portion of this road was resurfaced last year, however, the town does need to add more gravel.

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

The stone will slow down the velocity of the water and removed sediment from entering the stream.

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Distance from end of project to nearest water (stream, lake, or stormwater system that outlets directly to water). 50-250'

Progress to Date:
2 Culverts were up-sized to Back Road Standards and an estimated 2,000 ft. of ditching completed

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

This is not a flat road! Every time this road is graded stormwater carries gravel to the ditch. Some of the ditch does not remain due to sediment overload.

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: Category A will be completed this year 2016 and Town is working with ECNRCD ( ) 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.):

Shane Morin-District 9 has written a letter of support which is attached. Essex County Natural Resources Conservation District, Heather Robinson has assisted the Town with this application.

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

Yes the project is located in the town Right of Way

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

Yes, the work will be completed by the town.

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

The grant funds will be spent based on project budget that is attached to this application.

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

The 20% match will be met by in-kind and/or in cash.

Requested Grant Amount ($20,000 max Category B, $40,000 max Categories C & D): $ 20,000.00

Estimated Total Project Cost (including 20% local match): $ 24,000.00

Estimated Completion Date: 12/12/2016

REQUIRED ATTACHMENTS:

- [x] Itemized Cost Estimate (labor, equipment, materials)
  (For assistance, call Better Backroads at 802-828-4585)
- [x] Project Location Map
  (Please show location of affected water; 1:12,000 USGS map, if possible)
- [x] Sketch of proposed erosion control measures, including:
  - [x] Distances (ft.)
  - [x] 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 [x] Agreement for Entry and/or Deed of Easement (if project is outside Town ROW).
- N/A [x] If project involves stream or river/road conflict, include documentation of consultation with a River Management Engineer. N/A
- [x] 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: Joseph Daley J Title: Road foreman

Jennie D+ Daley town clerk

3/31, 2016

Letter of Recommendation

To Whom It May Concern,

The Town of Lemington haves expressed concern over the condition of Sims Hill Road TH#4 in Lemington. They are proposing to add 6 inches of gravel, stone line ditching, and turnouts where needed matching onto their 2015 Better Roads project with the purpose of reducing erosion and excessive runoff into Blodgett Brook and Mill Brook.

The town of Lemington has been in contact with the District 9 office and we have performed a site visits to investigate their concerns. It is of our opinion, being the District 9 Project Manager that this site is a good fit for a Better Roads Grant. We can assist and support the town of Lemington throughout the length of the project where requested. In addition VTrans District 9 involvement here I've been informed that the Conservation District is additionally supporting this project.

Thank You.

Sincerely,

District 9 Project Manager.

Cost Estimate Worksheet

Town and Road Name: Lemington - Sim's Hill **Project Name:** Sims Hill

Labor	Rate	# Hours	Total (Rate x Hours)
		Labor Total	

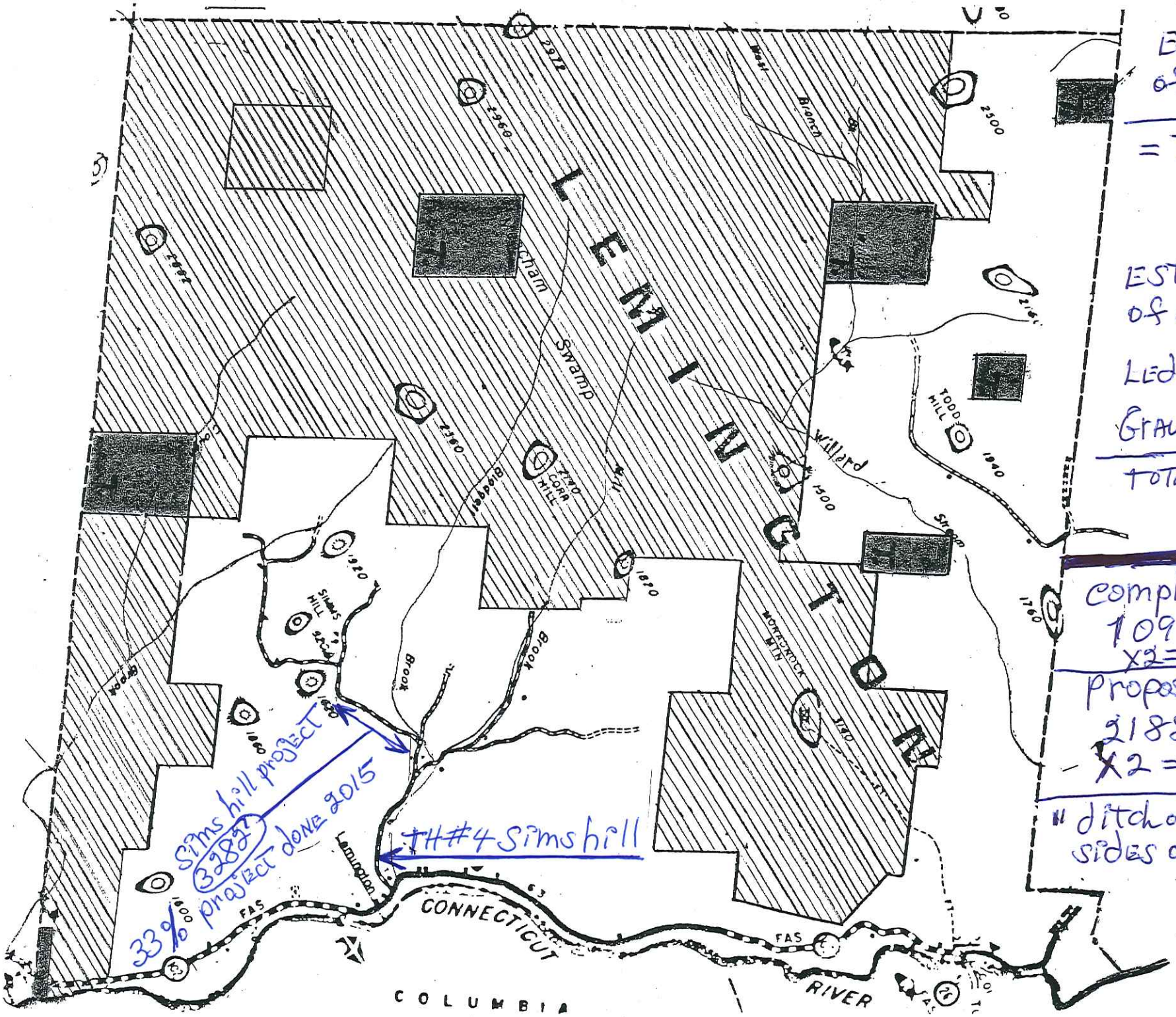
Equipment	Rate	# Hours	Total (Rate x Hours)
EXCAVATOR	90.00	80	7200.00
Dump truck	80.00	80	6400.00
		Equipment Total	

Materials	Rate	Amount	Total (Rate x Amount)
-6" LEDGE	14.00 pr yd	640 yds	8960.00
80' X 18' culvert	258.75	X3	776.25
3/4 crushed GRAVEL	10.00 pr yd	500 yds	5000.00
		Materials Total	

Miscellaneous	Rate	Amount	Total (Rate x Hours)
mulch HAY	4.00	100	400.00
SEED			100.00
		Miscellaneous Total	

Grand Total 28836.25

Match 4000.00



ESTIMATE of WASTE

= 750 yds

ESTIMATE of borrow

LEDGE = 640 yds

GRAVEL = 500 yds

TOTAL = 1140 yds

complete 1094' in 2015 X2 = 2188

Propose 2188' in 2016 X2 = 4376'

"ditch on both sides of ROAD"

Natural Resources Atlas

Vermont Agency of Natural Resources

vermont.gov

LEGEND

Town Boundary

TH #4 Sims hill

NOTES

Map created using ANR's Natural Resources Atlas

642.0 0 321.00 642.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 1053 Ft. 1cm = 126 Meters

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THIS MAP IS NOT TO BE USED FOR NAVIGATION

DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. ANR and the State of Vermont make no representations of any kind, including but not limited to, the warranties of merchantability, or fitness for a particular use, nor are any such warranties to be implied with respect to the data on this map.

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2016 [redacted] **Vermont Better Backroads Grant Application Cover Sheet**

Please use the checklist below for your own knowledge to ensure that all of the relevant items regarding your application have been included.

THIS COVER SHEET DOES NOT NEED TO BE RETURNED WITH YOUR APPLICATION.

Town or Organization: Town of Lemington

Project name: Sims Hill

- ☐ **Category B – Correction of a Road Related Erosion Problem**
- ☐ **Grant application form.**
- ☐ **Itemized Cost estimate for labor, equipment, and materials (see enclosed Cost Estimate Worksheet)**
- ☐ **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.**
- ☐ **Other appropriate supporting documents.**