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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: Somerset

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

Road Name: Somerset 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: Deerfield River, Approx. 1,900' away at its closest point.

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

Roadway slope has no ditch line and water is shedding across roadway causing erosion of road

surface allowing movement of sediments. Turnouts are existing but are not functioning to their potential.

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. 2,600' with multi turnouts (15+) that will be stone lined. Seed and mulch the ditch line.

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 water sheeting. Will contain water from flowing over road surface improving water quality and balancing the flow on both sides to lessen erosion.

Grass lining ditches and stone lining turnouts 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

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: 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, VTTrans District Technical staff, Basin Planner etc.):

VTTrans District Technical staff

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.

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

Work to be done using VTTrans work force. Somerset is an Unorganized Town.



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): \$13,472.00

Estimated Total Project Cost (including 20% local match): \$16,840.00

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: *Rust J. Piny* Title: *DTA - SW REGION*



Somerset TH-1 Ditching Estimate 4/12/2016



***Roadway looks basically the same for 2,600'+. Photo taken from start point.**

Construction quantity and cost estimates

Materials/Equipment	Quantity	Unit	Unit Price	Total Cost
Trucking	36 Hours	3	\$185./hour	\$6,660.00
Excavator	24 Hours	1	\$120/hour	\$2,880.00
Ditching	LF	2,600	-	-
Stone Type I	50 CY	-	\$25/CY	\$1,200.00
Seed & Mulch	-	-	-	\$500.00
Labor	20 Hours	2	\$65/hour	\$2,600.00
Traffic control	-	-	-	\$3,000.00
Total				\$16,840.00