



P#2



# 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 St George

Project Name: Willow Brook Lane Culvert Outfall Stabilization

Road Name: Willow Brook Lane TH #: 4 Structure # (if applicable): \_\_\_\_\_

Road Type: Unpaved Uncurbed  
Class 3

Watershed: Champlain

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

Willow Brook Lane has one 18-inch culvert and one 48-inch culvert on either side of the street address 500 Willow Brook Lane. In both cases/locations, there is significant erosion occurring at the outfall of each culvert crossing.

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 Town plans to re-shape the outfall area and stone line an area approximately 10 feet x 12 feet to prevent further erosion. This involves raising the channel at the outfall to the invert of the culvert.

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

Erosion in this area will be eliminated by the placement of stone 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:

Small amount of stone added over the years.

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

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: 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 5 technical staff

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).

No, the Town of St George does not have a full time road crew staff. The anticipated repair work will be awarded to a private contractor with construction oversight by the part time Road Commissioner.



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

The funds will be used to hire a private contractor to stabilize the outfall on two cross culverts on Willow Brook Lane to prevent further erosion to the stream banks.

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

Through the 2016-2017 operating budget.

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): \$ 4,996.00

Estimated Total Project Cost (including 20% local match): \$ 6,246.00

Estimated Completion Date: 06/30/2017

**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: Barbara Young  
Digitally signed by Barbara Young  
DN: cn=Barbara Young, o=Town of St George,  
ou, email=stgeorgevtTA@gmail.com, c=US  
Date: 2016.04.11 16:01:08 -04'00'

Title: Town Administrator





# Town of St. George

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21 Barber Road • St. George, Vermont 05495 • Tel: (802) 482-5272 • Fax: (802) 482-5548

## Project Summary: Category D Grant Application

The Town of St George is requesting these grant funds to address an ongoing culvert outfall erosion problem on Willow Brook Lane.

Willow Brook Lane, connecting to Ayer Road, is the only road in St George that links the two main corridors of Route 2A and Oak Hill Road.

The Town has one 18-inch (west) culvert and one 48-inch (east) culvert on either side of the street address of 500 Willow Brook Lane. These two culverts are a few hundred feet apart. The grant funds will allow the Town to address the issue once and for all, rather than on a piecemeal basis.

The Town anticipates that, if the award is granted, to let the corrective work out to a private contractor. The Town does not have a road crew staff other than a part time Road Commissioner.

**VTrans District 5/project manager has reviewed the application in the field and has indicated his support; we are pending written confirmation of the support.**



WILLISTON

WILLOW BROOK LN

SAINT GEORGE

WILD ROSE LN



03/28/2016

03/14/2016

