



## Vermont Better Roads Grant Program



# Cover Sheet

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

Town/Organization: \_\_\_\_\_ Salisbury

Primary Contact Person (Responsible for Signing Grant Agreement): \_\_\_\_\_ Willem Jarling

Title: \_\_\_\_\_ Road Foreman

Address: P.O. Box 66 Salisbury, VT 05769

Primary Contact Person Email: \_\_\_\_\_ salisburyroads2@gmail.com Phone: (802) 352 - 1017

SAM unique ID #: zyyzFDD56ix5 Fiscal Year End Month (MM): \_\_\_\_\_ 06

Town Clerk / Admin email: \_\_\_\_\_ Allen Hathaway town.clerk@comcast.net

Road Foreman Name: \_\_\_\_\_ Willem Jarling Road Foreman Email: \_\_\_\_\_ salisburyroads2@gmail.com



# Vermont Better Roads Grant Program



## CATEGORY B/C/D

Please complete one application per project you are applying for.

Please check the Category you are applying for:

- B. Correction of a Road Related Erosion Problem and/or Stormwater Mitigation
- C. Correction of a Stream Bank, Lake Shore or Slope Related Problem
- D. Structure/culvert 36" diameter or greater

Municipality: Salisbury

Road Name: Morgan Rd. TH #: 17 Structure # (if applicable): \_\_\_\_\_

\_11-Morgan Rd

Road Type: Paved or Unpaved (select one) Road Class: 1 2 3 4 (select one)

Please provide a thorough description of the erosion/water quality problem (ex. Roadway has steep

slope with no ditch which is causing severe roadway erosion, which outlets into the Lamolle River):

The project involves an eroding ditch that needs to be stone lined, three undersized driveway culverts that are not functioning as designed, and an undersized perennial stream culvert that is also perched above the stream bed. During the summer flooding, the perennial stream culvert had difficulty passing all the water flowing to it, threatening the roadway.

Has the town completed an MRGP compliant road erosion inventory?  Yes  No  In progress

Project Length (linear feet along roadway): 600 ft. Number of structures/culverts replaced/repared: 4 Average slope of roadway:  0-5%  5-10%  >10%

Provide a VERY detailed map of project location showing start and end points:  Included Provide a sketch of project location showing distances and project details:  Included



Please describe the project and how it will create a positive water quality benefit (ex. Reshape 500' of ditch and line with 12 inch minus stone, to prevent sediment from entering the Lamolle River at the bottom of the hill): This project involves MRGP road segments 135605 and 135606. The uphill segment, 135606, was originally classified as not hydro-connected, however it is uphill of and connected by ditch to the downstream segment. The ditch in 135606 is eroding and needs to be stone lined. The downhill segment's (135605) ditch also needs to be stone lined. In addition, the downhill segment contains three undersized driveway culverts that need to be replaced. Finally, the segment includes a perennial stream crossing and this culvert is undersized and perched. Flooding this past summer undermined the culvert. The applicant would replace this 24" culvert with a 42" culvert as part of the project.

<b>Existing Structures:</b>	
<input type="checkbox"/> x Steel/Plastic Culvert	<input type="checkbox"/> Concrete Box Culvert
<input type="checkbox"/> Stone Culvert – Take pictures	<input type="checkbox"/> Concrete Bridge
<input type="checkbox"/> Ditch	<input type="checkbox"/> Rolled Beam/Plate Girder Bridge
<input type="checkbox"/> Foundation remains, mill ruins, stone walls, other – Take pictures	<input type="checkbox"/> Stone abutments or piers – Take pictures
<input type="checkbox"/> Buildings within 300 feet of work - Take pictures	
<b>Project Description:</b>	
<input type="checkbox"/> New ditches will be established	<input type="checkbox"/> All work will be completed from the existing road or shoulder
<input type="checkbox"/> Reestablishing existing ditches only	<input type="checkbox"/> There will be excavation within 300 feet or a river or stream – Take pictures
<input type="checkbox"/> The structure is being replaced on existing location/alignment	<input type="checkbox"/> Road reclaiming, reconstruction, or widening
<input type="checkbox"/> Excavation within a floodplain – Take pictures	<input type="checkbox"/> Temporary off-road access is required
<input type="checkbox"/> Tree cutting/clearing – Take pictures	<input type="checkbox"/> The roadway will be realigned

All projects require a review of potential impacts by our environmental team. To expedite the review process, please check the boxes below that describe existing structures/conditions to be replaced/maintained (if any) and the project description that applies (if any).



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Please list any professionals or partners that assisted with planning this project (ANR River Management Engineer, Army Corps of Engineers, VTtrans staff, Basin Planner, RPC staff, etc.):  
Mike Winslow, ACRPC

Is the project located in the town "Right of Way" (select one)  Yes  No  Both  
Please be aware, Municipalities are required to have an Agreement for Entry & Liability Release for any impacted properties (prior to the start of construction.)

## Budget:

Please attach a project budget and confirm below that is attached:  
 Project budget is attached

Are you applying to other grant programs to help fund this project? If so, what programs? Please note that Better Roads requires a 20% local match and Better Roads funding may not be used as match for other state or federally funded programs.

The Town is not seeking other grant funding for this project.

<b>Requested Grant Amount:</b>	\$ 12,467.00	<b>Requested Grant Amount Max:</b>	\$20,000 Category B
<b>Local Match:</b>	\$ 3,117.00		\$40,000 Category C
<b>Total Project Cost:</b>	\$ 15,584.00		\$60,000 Category D

See page 6 for more information on calculating match

### REQUIRED ATTACHMENTS:

Estimated Completion Date: June 30, 2025

Please use the documentation checklist below to ensure that all of the relevant application have been included. It is preferred that your application is a single PDF file.

- Grant application cover sheet
- Grant application form, including chart with RSID and MRGP compliance before and after project completion
- 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).
- Detailed Project Location Map





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- Sketch of proposed project and 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 and limits of work
- Photos must be color and clear to see.
- Please make sure there are enough photos to get a good idea of the project area
- 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

*[Handwritten Signature]*

MUST BE TOWN ADMINISTRATOR/MANAGER OR SELECT BOARD CHAIR

Title: *Selectboard Chair*

## Vermont Better Roads Category B/C/D Grant Proposal Scoring Criteria

All applications will be scored on a sliding scale elected by the Better Roads Grant Selection Committee. Road BMP upgrades are considered the highest priority for grant funding when road segments are "hydrologically-connected," currently "not meeting" MRGP standards, and road slopes are greater than 10%

**1. Is the project using Best Management Practices (BMPs) that are proven and likely to maximize long term success, such as practices contained within the new VTans Better Roads Manual and/or VT DEC MRGP Standards? [maximum 20 points]**

- The proposed project utilizes appropriate BMPs and has maximized the likelihood of long-term success (16-20 points)
- The proposed project utilizes some appropriate BMPs but more could be done to increase the likelihood of success (11-15 points)
- The proposed project does not utilize appropriate BMPs, or it is unclear whether the BMPs will be used appropriately and the likelihood of success is uncertain (0-10 points)

**2. What are the expected Water Quality Benefits within the watershed? [maximum 25 points]**

- Project will lead to significant improvements to water quality (21-25 points)
- Project will lead to moderate improvements to water quality (16-20 points)
- Project will lead to small improvements to water quality (1-15 points)
- Project will lead to no obvious improvements to water quality (0 points)

**3. Is the project in or does stormwater runoff from the project area drain into a hydrologically connected segment? [maximum 20 points]**



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- Yes; the entire project is in connected segment(s) (20 points)
  - Partially; part(s) of the project are in connected segments (5-19 points)
  - No; this project is not in a connected segment (0-5 points)
- 4. Will the project result in full compliance of one or more segments in accordance with the Municipal Roads General Permit (MRGP)? [maximum 25 points]**
- All segments within the project will be in full compliance (25 points)
  - One or more segments will be in full compliance, with all other segments in partial compliance (11 – 24 points)
  - One or more segments will be a minimum of partial compliance (1- 10 points)
  - Project does not meet compliance or not applicable (does not have hydrologically connected segments) (0 points)
- 5. Is the project cost effective? [maximum 10 points]**
- The cost of the project is low and the expected benefits are high (8-10 points)
  - The cost of the project is average and the expected benefits are average (5-7 points)
  - The cost of the project is high and the expected benefits are low (0-4 points)





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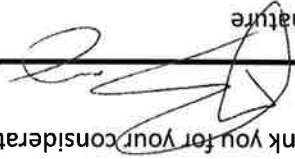
## River Management Engineer Support Letter

I am providing this letter of support to the Town/City/Village of Salisbury for their Better Roads grant application on Morgan Rd. MRGP segments 13605 and 13606, which will have an impact on an unnamed tributary to the Leicester River.

Stream Alteration Permit Required for this project:  Yes  No

Upon review of the site, I have determined that the proposed project is eligible for a Stream Alteration Permit. Additionally, if this project is constructed according to the recommendations described below (see Comments), the following stream equilibrium and connectivity benefits will be achieved:

- Restores or enhances floodplain/access to floodplain
- Restores or enhances natural channel dimensions
- Establishes tree/shrub buffer
- Restores habitat (including aquatic organism passage)
- No additional benefits
- Further restricts or impacts the stream

Thank you for your consideration,  
  
Signature

Jaron Borg, River Management Engineer

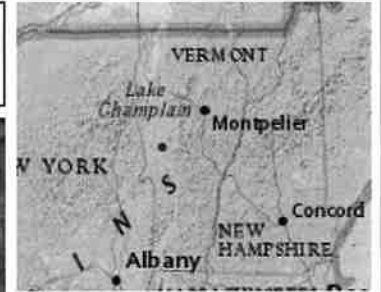
Comments: No site visit has been conducted to assess the equilibrium impacts of the proposed project of replacing existing 24-in CMP with a 42-in CMP.



# Morgan Rd. Salisbury Proposed Project Area

Vermont Agency of Natural Resources

vermont.gov



### LEGEND

**MRGP Segment Scoring**

- Does Not Meet
- Partially Meets
- Fully Meets
- Incomplete Data
- Closed Drainage
- Not Connected; Not Town Highway

**MRGP Segment Priority**

- Very High
- High
- Moderate
- Low
- N/A
- Needs inventory

**Stream**

- Stream
- Intermittent Stream

**Roads**

- Interstate
- US Highway; 1
- State Highway
- Town Highway (Class 1)
- Town Highway (Class 2,3)
- Town Highway (Class 4)
- State Forest Trail
- National Forest Trail
- Legal Trail

1: 2,500  
November 21, 2023

127.0 0 64.00 127.0 Meters  
 WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere 1" = 208 Ft. 1cm = 25 Meters  
 © Vermont Agency of Natural Resources 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.

### NOTES

Proposed Project Area FY25 Better Roads Cat.B Application. Dots are approximate location of culverts to be replaced. Map created using ANR's Natural Resources Atlas

Segment 13605 Morgan Rd. Salisbury before looking uphill. Need to replace driveway culvert, shape and stone line ditch.



Segment 13605 Morgan Rd, Salisbury. Undersized perched 24" culvert to be replaced with 42" culvert.



Segment 13606 looking uphill. Ditch to be shaped and stone lined.

