



Vermont Better Roads Grant Program



Cover Sheet

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

Town/Organization: Jericho

Primary Contact Person (Responsible for Signing Grant Agreement): Paula Carrier

Title: Assistant Town Administrator

Address: PO Box 39 Jericho, VT 05465
Street Address *Town* *Zip*

Primary Contact Person Email: pcarrier@jerichovt.gov Phone: (802) 899 - 9970 x101

SAM unique ID #: TU35KDZ1XN24 Fiscal Year End Month (MM): June

Town Clerk / Admin email: same as above

Road Foreman Name: Fletcher Eddy (interim foreman) Road Foreman Email:
jerichohighway@jerichovt.gov



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: Jericho

Road Name: Nashville Rd TH #: 3 Structure # (if applicable): NASH10

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 Lamoille River): The existing ditch on the north side of Nashville Road was made with the grader, is not stabilized, and is too small to carry water during storm events. The cross culvert is deteriorated and crushed. These conditions have caused significant erosion and resulted in large amounts of sediment being deposited in Mill Brook.

Has the town completed an MRGP compliant road erosion inventory?

- Yes
- No
- In progress

Project Length (linear feet along roadway): 800 ft.

Number of structures/culverts replaced/repared: 1

Average slope of roadway: 0-5% 5-10% >10%

Provide a VERY detailed map of project location showing start and end points: yes Included ✓

Provide a sketch of project location showing distances and project details: yes Included ✓

Please provide the Road Segment ID (RSID) for your project. If several, please list all. In addition to the RSID please indicate what the resulting rating of each segment before construction as well as after



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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).

Existing Structures:	
<input checked="" type="checkbox"/> Steel/Plastic Culvert	<input type="checkbox"/> Concrete Box Culvert
<input type="checkbox"/> Stone Culvert – Take pictures	<input type="checkbox"/> Concrete Bridge
<input checked="" 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	
Project Description:	
<input type="checkbox"/> New ditches will be established	<input checked="" type="checkbox"/> All work will be completed from the existing road or shoulder
<input checked="" type="checkbox"/> Reestablishing existing ditches only	<input type="checkbox"/> There will be excavation within 300 feet or a river or stream – Take pictures
<input checked="" 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

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 Lamoille River at the bottom of the hill):

The ditch on the north side of Nashville Rd. will be re-established with an excavator to meet MRGP requirements and stone lined. Although the slope is low, the quantity of water requires stone lining the ditch to stabilize it. The crushed culvert will be replaced with a new 24" culvert with a stone apron at the outlet. Grader berms will be removed from both sides of the road and gravel will be added to re-establish a MRGP compliant crown. Installation of these Best Management Practices will reduce erosion and result in a reduction of sediment and phosphorus going into Mill Brook, a tributary to the Winooski River.

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

Linda Blasch, Town Planner and former Better Roads Coordinator

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.)



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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.

No _____

Requested Grant Amount:	\$ 20,000.00
+	
Local Match:	\$36,421.33
=	
Total Project Cost:	\$56,421.33

Requested Grant Amount Max:
 \$20,000 Category B
 \$40,000 Category C
 \$60,000 Category D

See page 6 for more information on calculating match

Estimated Completion Date: October 2024 _____

REQUIRED ATTACHMENTS:

Please use the documentation checklist below to ensure that all of the relevant items regarding your 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
- Sketch of proposed project and erosion control measures or other management practices, including distances in feet
 - o 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.
 - o 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:


 Asst. Town Administrator



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Cost Estimate Worksheet

Town and Road Name:

Jericho Nashville Rd.

Project Name:

Nashville Rd.

Labor	Rate	# Hours	Total (Rate x Hours)
Fletcher Eddy	26.50	87	2,305.50
Roger Miller	29.69	101	2,998.69
Felix Streeter	29.81	44	1,311.64
Robert Magee	27.68	38	1,051.84
Kasey Clark	23.00	101	2,323.00
Labor Total			9,990.67

Equipment	Rate	# Hours	Total (Rate x Hours)
Excavator	82.48	54	4,453.92
Loader	69.98	10	699.80
Grader	167.74	20	3,354.80
Tandem 1	46.03	91	4,188.73
Tandem 2	46.03	58	2,169.74
Tandem 3	46.03	58	2,169.74
Tandem 4	46.03	91	4,188.73
Equipment Total			22,225.46

Materials	Rate	Amount	Total (Rate x Amount)
Ditch Stone 8" minus	15.75 per yard	544 yards	8,568.-
3/4" gravel	12.60 per ton	847 tons	10,672.20
24" Culvert	48.15 per foot	60'	2,889.-
Materials Total			22,129.20

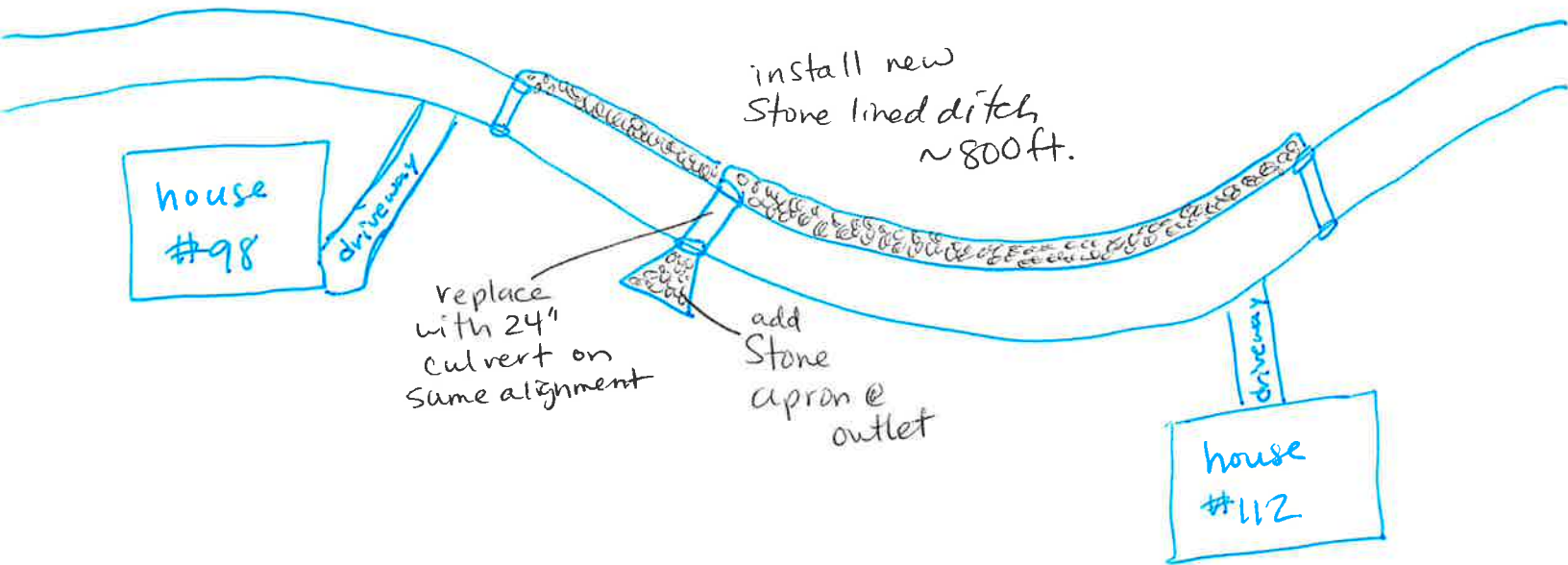
Miscellaneous	Rate	Amount	Total (Rate x Hours)
Compactor	43.36	5	216.80
2 message boards - traffic control	23.24	80	1,859.20
Miscellaneous Total			2,076.-

Grand Total 56,421.33

Match 30,421.33

Nashville Rd. Jericho, VT
*not to scale

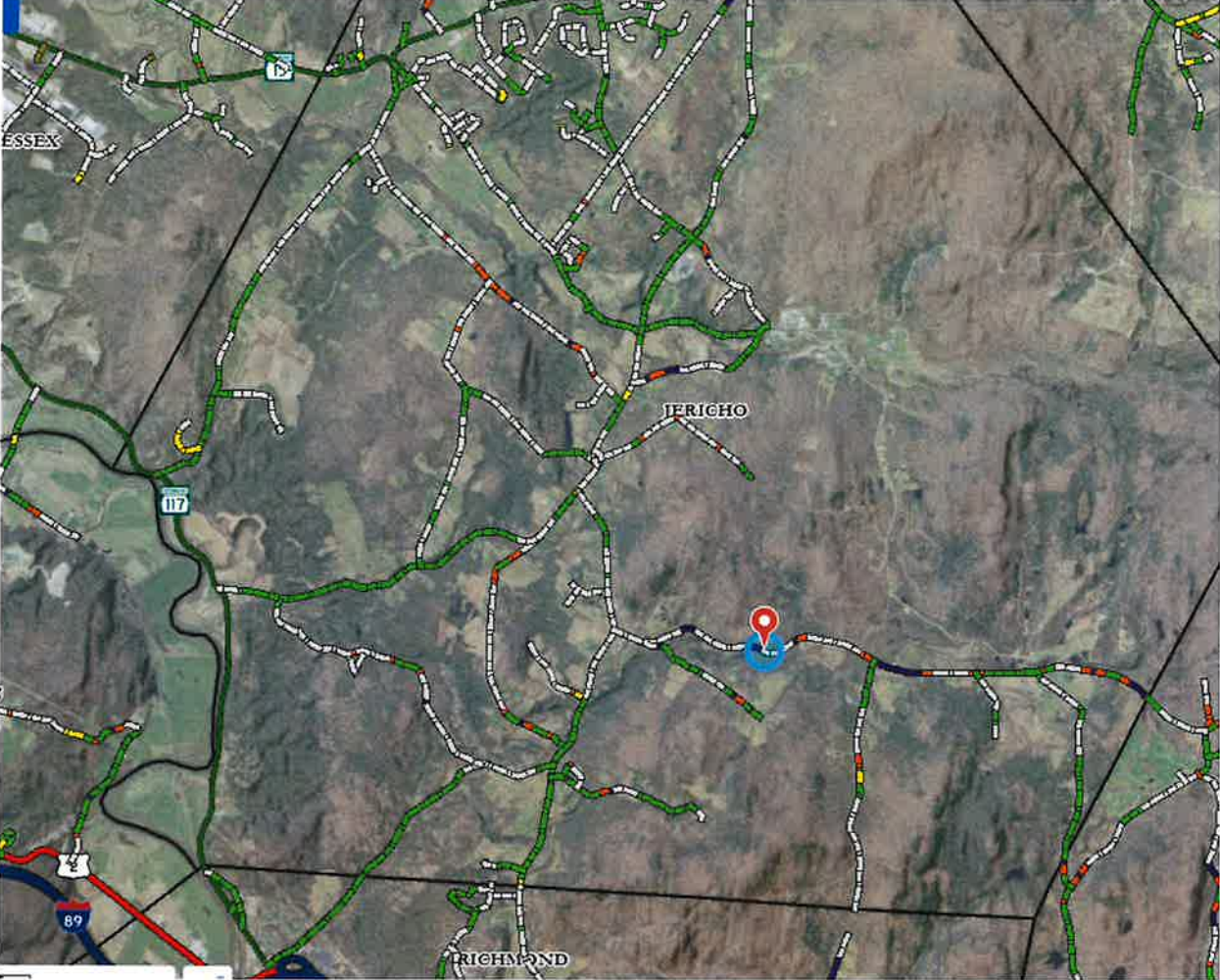
↑
North



- * all grader berms in project area will be removed
- * gravel will be added to establish MRGP-compliant crown

Jericho Cat B project location map

Project located at pin below on Nashville Road in Jericho, VT



Jericho cat B- Nashville Road project photos



NASH10 crushed and deteriorated culvert- to be replaced with new 24” culvert with stone apron at the outlet.



Erosion in existing ditch line on north side of Nashville Road. Note grader berm that will be removed as part of this project.



Grader ditch on north side of Nashville Road that will be excavated and stone lined. Notice glove in foreground for scale.