



Cover Sheet

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

Town/Organization: Barton Town

Primary Contact Person (Responsible for Signing Grant Agreement): Kristin Atwood
Title: Clerk/Treasurer

Address: 34 Main St. Barton VT 05802
Street Address Town Zip

Primary Contact Person Email: bartontown@comcast.net Phone: (802) 525 - 6222

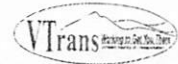
SAM unique ID #: DZ1WJQJBP6K5 Fiscal Year End Month (MM): 12

Town Clerk / Admin email: bartontown@comcast.net

Road Foreman Name: Rick Knags Road Foreman Email: bartontown@comcast.net



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: Barton Town

Road Name: Auger Hole Rd TH #: 55 Structure # (if applicable): _____

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):

Perform hydrology study if required and increase 24" culvert to 36" culvert to prevent current recurring washouts. Replace or repair second culvert that isn't properly draining.

Has the town completed an MRGP compliant road erosion inventory?

- Yes No In progress

Project Length (linear feet along roadway): 10⁺ ft.

Number of structures/culverts replaced/repared: 2

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



Find address or place

Map navigation controls: +, -, Home, Refresh, Layers, Full Screen, Print, Measure



100ft

-72.130892 44.717395 Degrees





Vermont Better Roads Grant Program



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Municipality: Barton Town

Road Name: Auger Hole Rd. TH #: 55 Structure # (if applicable): _____

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 Lamoyille River):

fix crown and ditch, line ditch w/rip rap to stop washouts. Bring four "partially meets" segments into compliance.

Has the town completed an MRGP compliant road erosion inventory?

Yes No In progress

Project Length (linear feet along roadway): 900+/- ft.

Number of structures/culverts replaced/repared: 0

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



Map navigation controls including zoom in (+), zoom out (-), home, and refresh buttons. A search bar contains the text "Find address or place" with a search icon.



Scale bar showing 300ft and coordinate information: 72.125425 44.717929 Degrees





Vermont Better Roads Grant Program



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Municipality: Barton Town

Road Name: Chamberlin Rd. TH #: 20 Structure # (if applicable): _____

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):

repair and reline ditches, resurface road to prevent ongoing washouts during high water times. Repairs three "partially meets" segments.

Has the town completed an MRGP compliant road erosion inventory?

- Yes No In progress

Project Length (linear feet along roadway): 600⁺1- ft.

Number of structures/culverts replaced/repared: 0

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

Reporter for MRGP





Vermont Better Roads Grant Program



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Municipality: Barton Town

Road Name: Mill Lane TH #: 49 Structure # (if applicable): _____

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):

ditch and resurface road to control roadway erosion.
Bring two "partially meets" segments into full compliance.

Has the town completed an MRGP compliant road erosion inventory?

Yes No In progress

Project Length (linear feet along roadway): 250^{+/-} 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: Included

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

Reporter for MRGP



< > 1 of 3

Partially Meets // 20385.0

Zoom to

Update Road Segment Status

Barton // Chamberlin Rd // M26199 // First Cycle Inventory // Assessed on July 10, 2019 // Gravel road with open ditches



Vermont Better Roads Grant Program



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Municipality: Barton Town

Road Name: Annis Brook Rd TH #: 56 Structure # (if applicable): _____

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

ditch and line with stone. Resurface. Bring one
"does not meet" segment into compliance.

Has the town completed an MRGP compliant road erosion inventory?

- Yes No In progress

Project Length (linear feet along roadway): 100' +/- ft.

Number of structures/culverts replaced/repared: 0

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

Reporter for MRGP





Vermont Better Roads Grant Program



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- D. Structure/culvert 36" diameter or greater

Municipality: Barton Town

Road Name: Wheeler Mountain Rd TH #: 56 Structure # (if applicable): _____

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):

~~There is a~~ ditch and line with stone, resurfaces, bring one "does not meet" segment into compliance.

Has the town completed an MRGP compliant road erosion inventory?

Yes No In progress

Project Length (linear feet along roadway): 100+/- ft.

Number of structures/culverts replaced/repared: 0

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

Reporter for MRGP





Vermont Better Roads Grant Program



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Municipality: Barton Town

Road Name: Roberts Ln. TH #: 19 Structure # (if applicable): _____

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):

resurface to bring me "partially meets" segment back into full compliance.

Has the town completed an MRGP compliant road erosion inventory?

Yes No In progress

Project Length (linear feet along roadway): 100^{+/-} ft.

Number of structures/culverts replaced/repared: _____

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

Reporter for MRGP





Vermont Better Roads Grant Program



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- D. Structure/culvert 36" diameter or greater

Municipality: Barton Town

Road Name: Baird Rd. TH #: 14 Structure # (if applicable): _____

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):

Ditch and resurface to bring one "does not meet" segment into full compliance.

Has the town completed an MRGP compliant road erosion inventory?

- Yes No In progress

Project Length (linear feet along roadway): 100⁺ ft.

Number of structures/culverts replaced/repared: 0

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

Reporter for MRGP



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 construction in accordance with the MRGP.* (i.e., Fully Meets Standard, Partially Meets, Does Not Meet) For assistance, please contact Better Roads Staff (802)828-4585.

RSID	Hydrologically Connected?		Pre-construction MRGP Conformance			Post-construction MRGP Conformance		
	Yes	No	Fully Meets	Partially Meets	Does Not Meet	Fully Meets	Partially Meets	Does Not Meet
2412	X			X		X		
2417	X			X		X		
2414	X			X		X		
2415	X			X		X		
3431	X				X	X		
1898	X				X	X		
20385	X			X		X		
20407	X			X		X		
20393	X			X		X		
133602	X			X		X		
133605	X			X		X		
159073	X			X		X		
196840	X				X	X		

*In order to "Fully Meet" the standards the road segment must have proper crown, removal of shoulder berms, proper ditching, proper conveyance and no erosion present at culvert inlets and outlets.



Vermont Better Roads Grant Program



Environmental Concerns:

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 checked="" type="checkbox"/> New ditches will be established <i>mill lane</i> <i>others will be reestablished</i>	<input checked="" 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 of a river or stream – Take pictures
<input checked="" type="checkbox"/> The structure is being replaced on existing location/alignment	<input checked="" 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):

resurface roads, ditch, and replace or repair two culverts.

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.):

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.)



Vermont Better Roads Grant Program



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.

Requested Grant Amount:	\$ <u>44,637.18</u>	Requested Grant Amount Max:
+		\$20,000 Category B
Local Match:	\$ <u>11,159.29</u>	\$40,000 Category C
=		\$60,000 Category D
Total Project Cost:	\$ <u>55,796.47</u>	

See page 6 for more information on calculating match

Estimated Completion Date: 10/1/2024

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:

Name:

Jeff Cota

Title:

Road Commissioner/Select Board Chair.

MUST BE TOWN ADMINISTRATOR/MANAGER OR SELECT BOARD 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 VTrans 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]**
 - 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)