

Cover Sheet

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

Town/Organization: Town of Johnson

Primary Contact Person (Responsible for Signing Grant Agreement): Thomas Galinat

Title: Town Administrator

Address: 293 Lower Main St, Johnson, VT 05656

Street Address

Town

Zip

Primary Contact Person Email: tojadministrator@townofjohnson.com Phone: (802) 635-2611

SAM unique ID #: DVFTTG78J188 Fiscal Year End Month (MM): 06

Town Clerk / Admin email: tojadministrator@townofjohnson.com

Road Foreman Name: Jason Whitehill Road Foreman Email: publicworks@townofjohnson.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: _____ Johnson Town _____

Road Name: _____ Foot Brook Rd _____ TH #: 7 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):

Roadway has little to no established ditch due to filled in past ditches. Extensive erosion present in each connected segment. Water over runs existing ditches during rain events, causing erosion of the road surface and ditches. The erosion problems on this road causes sediment to flow into the Lamoille River.

Has the town completed an MRGP compliant road erosion inventory?

- Yes
- No
- In progress

Project Length (linear feet along roadway): 2700 ft.

Number of structures/culverts replaced/repaired: 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

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



Vermont Better Roads Grant Program



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 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):

Reestablish 3800 feet of stone and grass lined ditching to prevent erosion in the ditches. Reestablishing the ditches will also prevent water from overtopping the road during rain event. Removing the shoulder berm on all segments allows water to shed off the roads preventing erosion. Headers and conveyance zones around the existing culverts will be armored to reduce erosion around the existing 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.):

The Town worked with the regional planning commission staff to produce this application and conduct site visits.

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:	\$ 20,000.00
+	
Local Match:	\$ 5,747.44
=	
Total Project Cost:	\$ 25,747.44

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: June 30, 2025

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.**

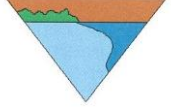
- Grant application cover sheet
- Grant application form, including chart with RSID and MRGP compliance before and after project completion
- Itemized Cost estimate for labor, equipment, and materials (see enclosed Cost Estimate Worksheet). If applicable, please break down funding by source (i.e. different 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: Thomas Galinat Title: Johnson Town Administrator

MUST BE TOWN ADMINISTRATOR/MANAGER OR SELECT BOARD CHAIR



Cost Estimate Worksheet

Town and Road Name:

Project Name:

Labor	Rate	# Hours	Total (Rate x Hours)
Excavator Operator	28.28	115	\$3,252.2
Truck operator	24.97	200	\$4,994.00
Grader Operator	32.83	2.5	\$82.08

Labor Total \$8,328.28

Equipment	Rate	# Hours	Total (Rate x Hours)
Excavator	\$1,500/ Week	2.8 Weeks	\$4,200.00

Equipment Total \$4,200.00

Materials	Rate	Amount	Total (Rate x Amount)
Ditch Stone	22.50	546 tons	\$12,285.00
Hydroseed Materials	233.54	4 loads	\$934.16

Materials Total \$13,219.16

Miscellaneous	Rate	Amount	Total (Rate x Hours)

Miscellaneous Total

Grand Total \$25,747.44

Match \$5,747.44

Search...

Quick Tools...

Tools

Approximate start of project (98868)

Approximate end of Project (98879)

ESRI Wor...

Quick Tools...

Search...

MRGP Road Segment Scoring

1 of 2

☆ MRGP Road Segment Scoring

Fully Meets

Johnson // FOOTE BROOK RD // Gravel road with open ditches // 98868 // Second Cycle Inventory // Priority: N/A // MRGP2ID: M213101

**Municipalities shall submit their completed second cycle REI*

[View Additional Details](#) | [Add to Results](#)

Stone lined ditch on North Side.

remove shoulder berm on both sides of segment.

Stone lined ditch on south side.



Tools



ESRI Wor...



0 20 40m



1:500

Quick Tools...

Search...

MRGP Road Segment Scoring

2 of 2

Hydrologically connected as verified by LCPC in 2023

Johnson // FOOTE BROOK RD // Gravel road with open ditches // 98869 // Review Connectivity // Priority: N/A // MRGP2ID: M213100

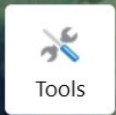
**Municipalities shall submit their completed second cycle REI*

[View Additional Details](#) | [Add to Results](#)

Stone lined ditch on north side.

Stone lined ditch on south side.

Repair stone header on both sides of culvert. Repair stone armored conveyance zones on both sides of culvert.



Tools



ESRI Wor...



0 20 40m

1:500

Quick Tools... Search...

MRGP Road Segment Scoring 2 of 2

Hydrologically connected. Field verified by LCPC in 2023

Johnson // FOOTE BROOK RD // Gravel road with open ditches // 98870 // Review Connectivity // Priority: N/A // MRGP2ID: M213099

*Municipalities shall submit their completed second cycle REI

[View Additional Details](#) | [Add to Results](#)

Transition to grass lined ditch on North side up to culvert

Repair stone headers on both sides of culvert with splash pad on outlet.

Transition to grass lined ditch on South side up to culvert

Stone lined ditch on North side after culvert

Stone lined ditch on South side after culvert

ESRI Wor... 0 20 40m 1:500

Quick Tools...

Search...

MRGP Road Segment Scoring

1 of 2

☆ MRGP Road Segment Scoring



Does Not Meet

Johnson // FOOTE BROOK RD // Gravel road with open ditches // 98871 // First Cycle Inventory // Priority: High // MRGP2ID: M213098

**Municipalities shall submit their completed second cycle REI*

[View Additional Details](#) | [Add to Results](#)

Remove shoulder berm on both sides to allow sheet flow.

ESRI Wor...  

Quick Tools... Search...

MRGP Road Segment Scoring 1 of 2

☆ MRGP Road Segment Scoring

Does Not Meet

Johnson // FOOTE BROOK RD // Gravel road with open ditches // 98872 // First Cycle Inventory // Priority: High // MRGP2ID: M213096

**Municipalities shall submit their completed second cycle REI*

[View Additional Details](#) | [Add to Results](#)

Tools

Remove shoulder berm on North side to allow sheet flow.

Reestablish stone lined ditch on south side.

ESRI Wor... 0 20 40m 1:500

Quick Tools... Search...

MRGP Road Segment Scoring 1 of 2

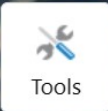
☆ MRGP Road Segment Scoring

Does Not Meet

Johnson // FOOTE BROOK RD // Gravel road with open ditches // 98875 // First Cycle Inventory // Priority: High // MRGP2ID: M213093

**Municipalities shall submit their completed second cycle REI*

[View Additional Details](#) [Add to Results](#)



ESRI Wor...

Quick Tools... Search...

MRGP Road Segment Scoring 1 of 2

☆ MRGP Road Segment Scoring

Partially Meets

Johnson // FOOTE BROOK RD // Gravel road with open ditches // 98876 // First Cycle Inventory // Priority: Low // MRGP2ID: M213092

**Municipalities shall submit their completed second cycle REI*

[View Additional Details](#) | [Add to Results](#)



Tools

ESRI Wor... 0 20 40m 1:500

Quick Tools... Search...

MRGP Road Segment Scoring 1 of 2

☆ MRGP Road Segment Scoring

Partially Meets

Johnson // FOOTE BROOK RD // Gravel road with open ditches // 98879 // First Cycle Inventory // Priority: Low // MRGP2ID: M213089

**Municipalities shall submit their completed second cycle REI*

[View Additional Details](#) [Add to Results](#)

Tools

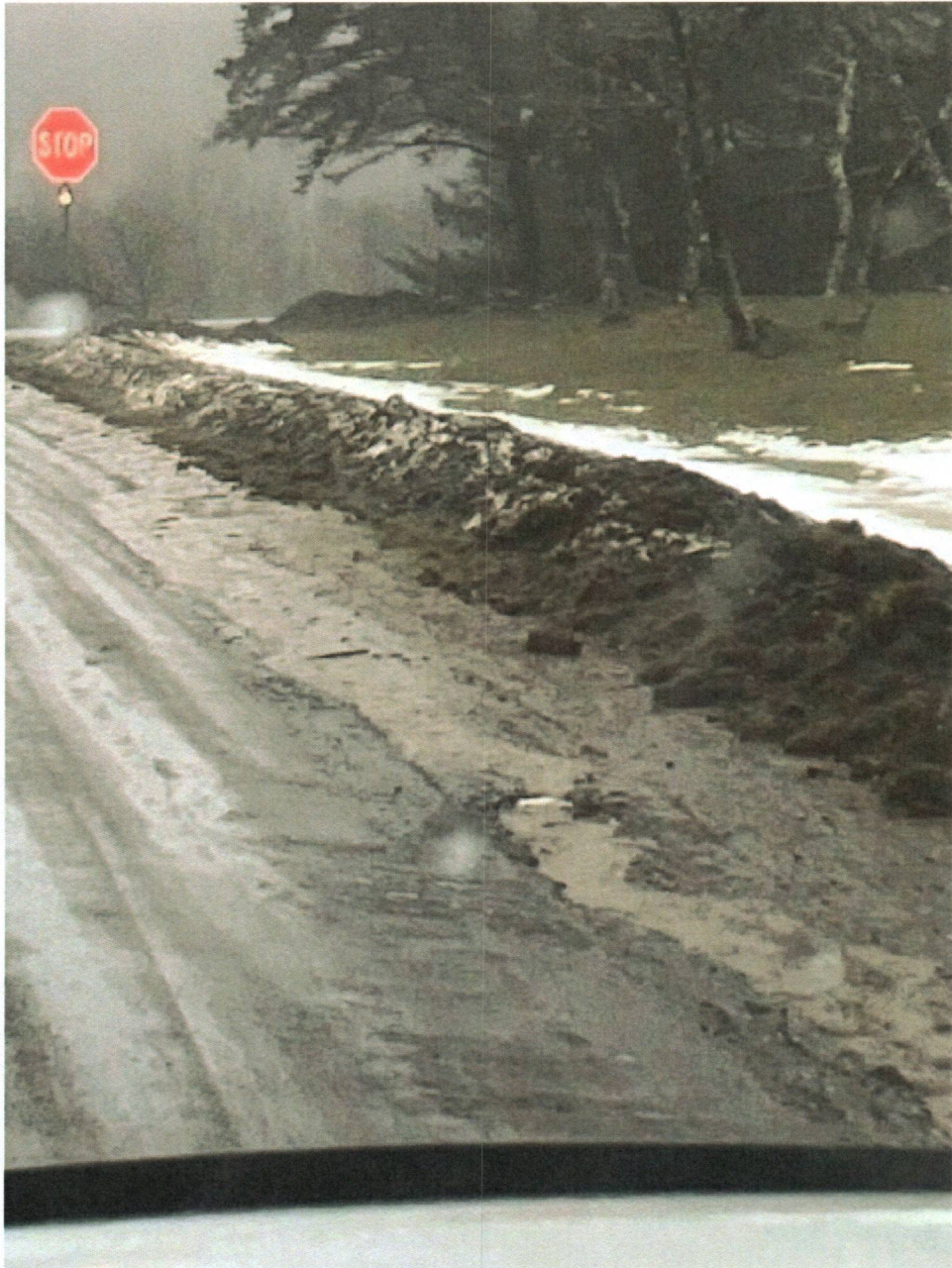
Reestablish stone lined ditch on North side

Reestablish stone lined ditch on South side.

ESRI Wor... 0 20 40m 1:500

seg # 98868

N



Seg# 98868

S



Susan Tinker

From: Jason Whitehill
Sent: Monday, December 18, 2023 9:52 AM
To: Susan Tinker

Seg# 98879

S

Good morning Susan,

Could you print these off for me please and thank you



Seg# 99879

N



Seg#

98876

5



Seq# 98876

N



Segt# 9887 S

N



Seg # 98875 S



Seq# 98872 N



Seq# 98872

5



seg#48871

N



Seq # 98871 S



Seq# 98870 S



Seg# 98870

N



Seg# 98869 N



Sent from my iPhone

Seq# 98869

S

