



Cover Sheet

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

Town/Organization: Waterville

Primary Contact Person (Responsible for Signing Grant Agreement): Jay Marsh

Title: Selectboard Chair

Address: 850 VT Route 109, Waterville, VT 05492

Street Address Town Zip

Primary Contact Person Email: townofwaterville@myfairpoint.net Phone: (802)644 - 2037

SAM unique ID #: GYQNDRBEK8S8 Fiscal Year End Month (MM):December

Town Clerk / Admin email: townofwaterville@myfairpoint.net

Road Foreman Name: <u>Hunter Locke</u> Road Foreman Email: <u>hunterlocke1995@gmail.com</u>





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: Waterville
Road Name: Maxfield Rd/Smithville Rd TH #: 9 &7 Structure # (if applicable):
Road Type: Paved or <mark>Unpaved</mark> (select one) Road Class: 1 2 <mark>3</mark> 4 (select one)
Please provide a thorough description of the erosion/water quality problem (ex. Roadway has steep slop
with no ditch which is causing severe roadway erosion, which outlets into the Lamoille River):
Six segments of Maxfield Rd and six segments of Smithville Rd were identified to be out of compliance
with the MRGP. Inadequate ditching, shoulder berm, and undersized culverts allows for erosion during
rain events. This erosion drains directly into the North Branch of the Lamoille River.
Has the town completed an MRGP compliant road erosion inventory? Yes No In progress
Project Length (linear feet along roadway): 3937 ft. Number of structures/culverts replaced/repaired: 6 Average slope of roadway: □ 0-5% □ 5-10% □ >10%
Provide a VERY detailed map of project location showing start and end points: 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





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.

	Hydrologically		Pre-construction MRGP			Post-construction MRGP		
Connected?		ected?	Conformance			Conformance		
			Fully	Partially	Does Not	Fully	Partially	Does Not
RSID	Yes	No	Meets	Meets	Meet	Meets	Meets	Meet
131137	Х		X			Х		
131138	x		х			Х		
131139	X			inally Inve		Х		
131140	X		Not Orig	ginally Inve	entoried	Х		
131141	X		Not Orig	inally Inve	ntoried	Х		
131142	X		Not Ori	ginally Inv	entoried	Х		
168827	Х			х		Х		
168844	Х				Х	Х		
168845	Х				Х	Х		
168846	X				х	Х		
168847	Х			Х		Х		
168848						Х		

^{*}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. Environmental Concerns:



Steel/Plastic Culvert

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:

Concrete Box Culvert

Stone Culvert – Take pictures	Concrete Bridge
Ditch	Rolled Beam/Plate Girder Bridge
Foundation remains, mill ruins, stone walls, other – Take pictures	Stone abutments or piers – Take pictures
Buildings within 300 feet of work - Take pictures	
Project I	Description:
New ditches will be established	All work will be completed from the existing road or shoulder
Reestablishing existing ditches only	There will be excavation within 300 feet or a river or stream – Take pictures
The structure is being replaced on existing location/alignment	Road reclaiming, reconstruction, or widening
Excavation within a floodplain – Take pictures	Temporary off-road access is required
Tree cutting/clearing – Take pictures	☐ The roadway will be realigned
ditch and line with 12 inch minus stone, to prevent sedin bottom of the hill):	Tent nom entering the Lamonie River at the
,	
Shoulder Berm will be removed where present and grass	ditching will be reestablished on West side of
Maxfield Rd and South side of Smithville Rd. Roughly 196	8 feet of ditching will be reshaped to prevent
sedimentation into the Lamoille River. Two drainage culv	erts and two driveway culverts will be replaced
and upsized on Maxfield Rd. Two drainage culverts will be	e replaced and upsized on Smithville Rd. All
culverts will be installed with stone headers on both side	s with splashpads where needed.
Please list any professionals or partners that assisted wit	h planning this project (ANR River Management
Engineer, Army Corps of Engineers, VTrans staff, Basin Pl	anner, RPC staff, etc.):
RPC Staff were involved in pre-construction site visits, pre-	oject selection, and application development.
Is the project located in the town "Right of Way? (select Please be aware, Municipalities are required to have an Aimpacted 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% <u>local</u> 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:

\$_23,707.__00

Total Project Cost:

s 43,707 00

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.

X Grant application cover sheet

Grant application form, including chart with RSID and MRGP compliance before and after project completion

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.

Other appropriate area with the project area

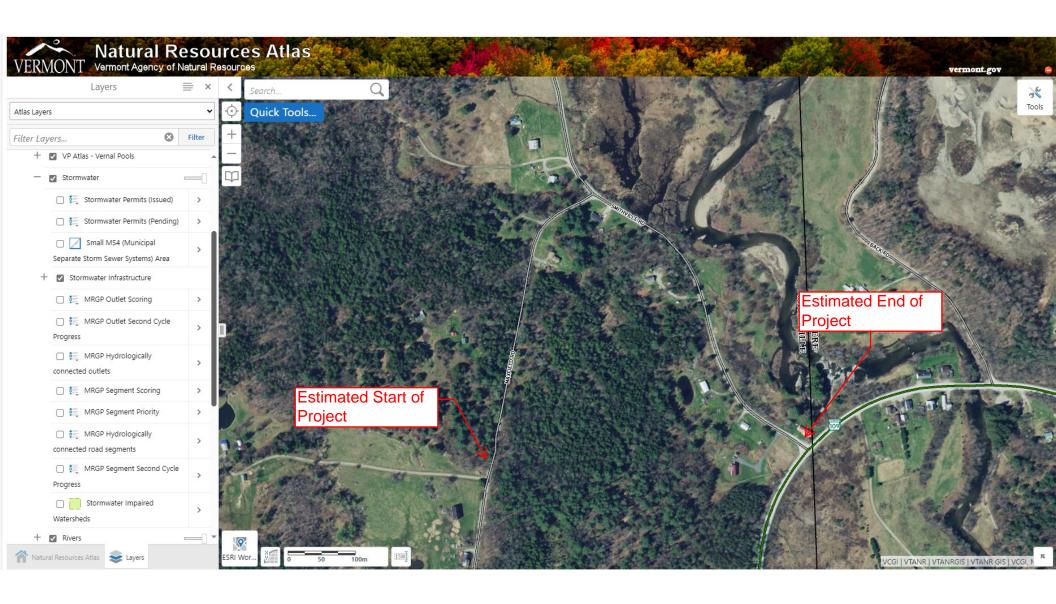
 $\hfill \Box$ Other appropriate supporting documents.

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.

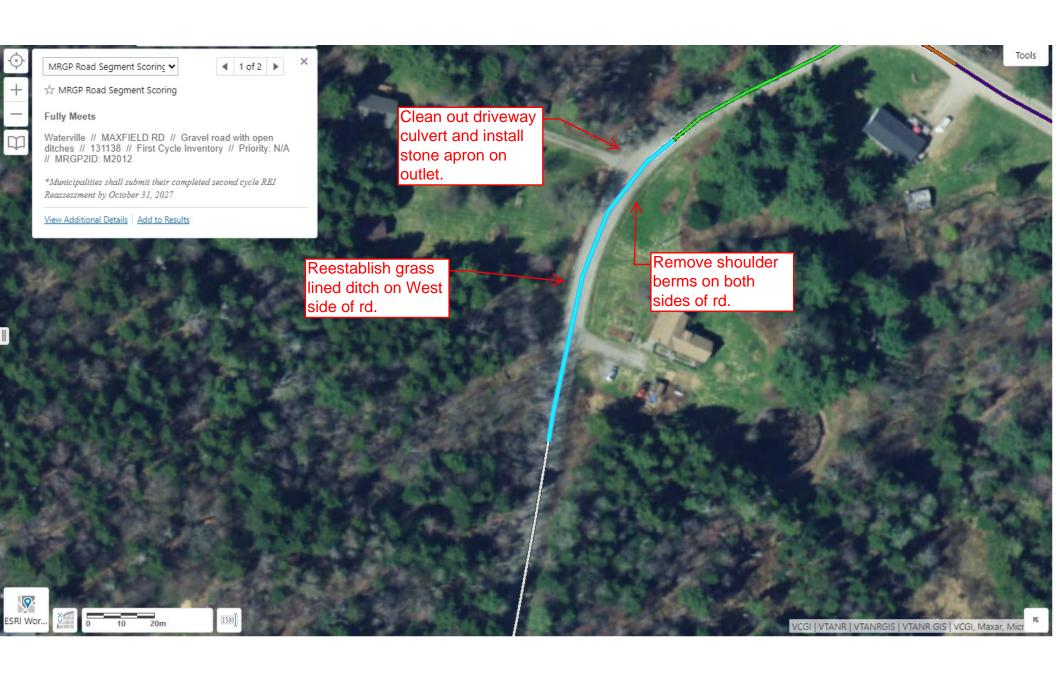
SIGNATURE OF APPLICANT:

: Jay Manh Title: Selection Chair
MUST BE TOWN ADMINISTRATOR/MANAGER OR SELECT BOARD CHAIR

ost Estimate Worksheet own and Road Name: Water Uille Smith Ui abor		# Hours	Total (Rate x Hours)	建
Laboret	875.°°	48	1 3,000	700 Table 1972
200,1				
				国际工作系统
		Labor To	tal \$3,600	1000000000000000000000000000000000000
		# Hours	Total (Rate x Hours)	一种一种工作的工作。
Equipment	Rate	113	817,970	
Excavator	115.00	64	\$7,360 \$5,70	
Dump Hovek	95.00	6	\$570	
tan fruck Shidsfur	1/00,00		1,600	
Shiospea				
				为了社会 。在1000年
		Fauinment T	etal #27,450	
	Rate	Amount	Total (Rate x Amount)	
Materials	30.89	301	9936.70	
15" gray culvert	*30.89 *32.33 *53.51	110'	13,556.30	
18" gray culvert	\$53.51	80'	34,280,80	
				新疆村等等
	102 000 1000	16 40005	1360,00	
6" minus ditch stone	\$ 22.50 Per Xard	16/205		
2011	126.54 Res Yord	80 Yerrus	12123.30	
croshed grove	80.37			
Seed/mulch erosion Control	lump Sum	850,00	1850.00	国际
		THE RESERVE OF THE PARTY OF THE	otal \$13,097	The second second
Miscellaneous	Rate	Amount	Total (Rate x Hours)	计算程式基本工作 或
hob/Denob	140,00	14	360.	
		Miscellaneous	Total \$560,00	
			Total \$43, 70 7	



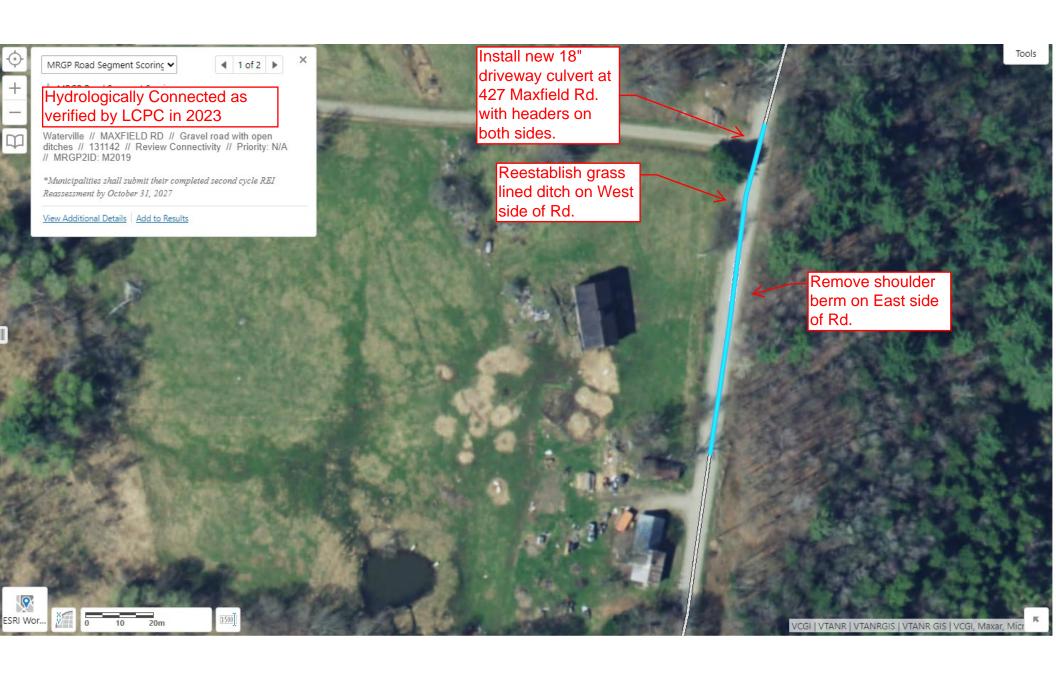














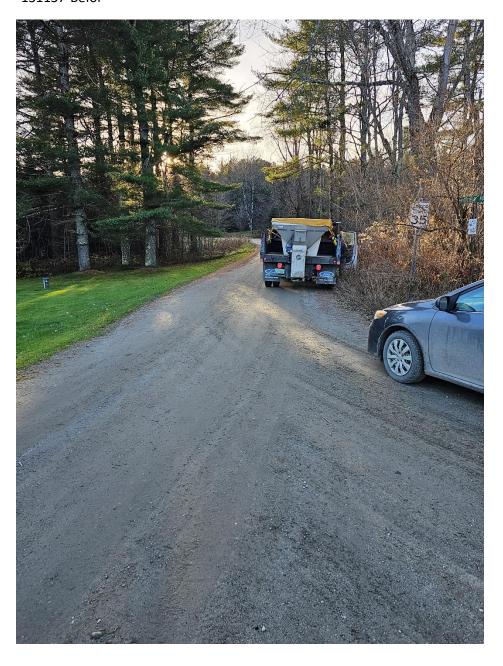


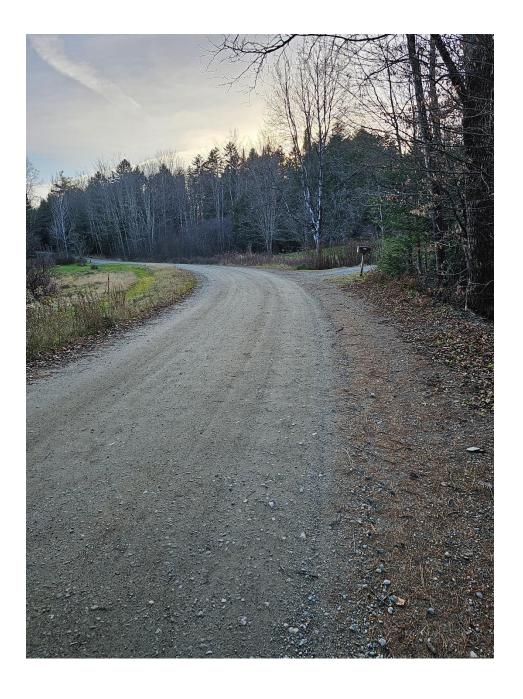






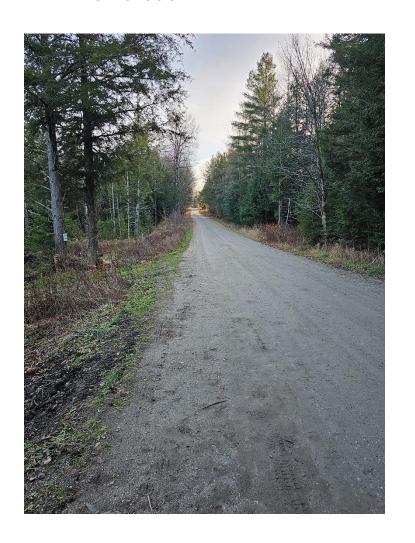




















168844-Before







168846- Before



168847-Before

