



FY2018 Vermont Better Roads Grant Program

Due 5pm Friday March 17th, 2017

The Vermont Agency of Transportation is pleased to announce the 20th year of funding to support projects on municipal roads that improve water quality and result in maintenance cost savings. The grant funds are provided by the VT Agency of Transportation with partnership through the Vermont Agency of Natural Resources. The Vermont Better Roads Program promotes the use of erosion control and maintenance techniques that save money while protecting and enhancing water quality around the State.

Funds, subject to availability, will be distributed as grants to municipalities to address town erosion problems.

This application may be downloaded at the following address:

<http://vtrans.vermont.gov/highway/better-roads>

PROGRAM CHANGES FOR FY2018

Please review all categories carefully before applying. Applicants may apply to each category of funding (A, B, C, and D).

An applicant may also apply for more than one grant in each category (one application must be received for each grant sought). Please submit one grant application cover sheet and one application per category or project. You may lump several small projects together in one category (ex. Four culvert replacements at \$1,000 each on four different roads). **If you are applying for more than one grant, please number applications according to priority.**



FY2018 Better Roads Grant Categories



Category A

A. Road Inventory and Capital Budget Planning (Maximum Grant Amount \$8,000) *

Road erosion reduction requires planning and budgeting to implement road improvements that also result in cost savings. Eligible projects under this category must include: (1) Inventory of roads and/or culverts and identification of road related erosion and/or stormwater problems affecting water quality in a particular watershed or the whole town. (2) Sites identified must then be prioritized by problem area for future repair. (3) The final step is the development of a capital budget plan to correct these problems over a specific period of time. Many years all applications for Category A grants are funded.

Please contact your RPC if you plan to contract with them to make sure they have available time to complete your Category A grant.

*Act 64, the Vermont Clear Water Act, requires the Vermont Department of Environmental Conservation (DEC) to develop a draft Municipal Roads General Permit (MRGP) to address road-related runoff impacting waterways. Towns will begin applying for coverage under the permit in summer of 2018 (proposed). As part of the development of the MRGP, new municipal road practice standards will be developed. The Better Roads Program's Category A Planning Grant provides a funding mechanism for towns to inventory road-related erosion and develop implementation plans. Municipalities are highly encouraged to be proactive while money is available and conduct road erosion inventories and develop implementation plans before the permit is issued. If you have any questions about the MRGP please contact Jim Ryan at Jim.Ryan@vermont.gov or at (802)490-6140. Additional information about the MRGP can be found at <http://dec.vermont.gov/watershed/stormwater/permit-information-applications-fees/municipal-roads-program>

*Category A grants may be funded with state or federal money



FY2018 Better Roads Grant Categories



Categories B, C, and D

Projects may be enhancements of a scheduled project that provide additional erosion control benefits, such as ditch stabilization in conjunction with a culvert replacement, or may be a stand-alone erosion control solution. Project selection will be prioritized based on the selection criteria attached to this application. Priority funding will be given to those projects identified in an existing municipal road inventory, and/or capital budget plan, tactical basin plan, culvert inventory (a copy of the Plan must be submitted with the application) and to towns that have not yet received a Better Roads grant.

B. Correction of a Road Related Erosion Problem and/or Stormwater Mitigation/Retrofit for both gravel and paved roads (Maximum Grant Amount \$20,000)

Example projects:

- ◆ Rock or grass lined ditches
- ◆ Road drainage turnouts
- ◆ Check dams & splash pools
- ◆ Rain gardens
- ◆ Swirl Concentrator Devices
- ◆ Dry Wells
- ◆ Gravel Wetlands
- ◆ Green Stormwater Infrastructure (GSI)
- ◆ Infiltration Practices
- ◆ Level spreader
- ◆ Drop inlet rehab or replacement
- ◆ Stormwater system rehab or replacement

C. Correction of a Stream Bank or Slope Related Problem (Maximum Grant Amount \$40,000)

Stream and river/road conflicts must have accompanying documentation showing consultation with an ANR River Management Engineer and/or Army Corps Engineer and/or Lakes and Ponds personnel indicating use or non-use of river management standards prior to submittal of application.

Example projects:

- ◆ Stream bank stabilization
- ◆ Slope stabilization
- ◆ Lakeshore stabilization
- ◆ Retaining walls, stacked wall

D. Structure/culvert upgrades (Maximum Grant Amount \$40,000)

Structures or culverts that carry streams or rivers must have accompanying documentation showing consultation with an ANR River Management Engineer and/or Army Corps Engineer indicating use or non-use of river management standards prior to submittal of application. **If your structure/culvert is larger than 36 inches you do not need a consultation.**

Example projects

- ◆ Undersized culvert or structure
- ◆ Culvert or structure replacement
- ◆ Culvert headcut and gully stabilization in direct proximity to roadway



Application Material Guidance



Work should be completed in accordance with specifications contained in the *Vermont Better Backroads Manual* (<http://vtrans.vermont.gov/sites/aot/files/highway/2009%20Better%20Backroads%20Manual.pdf>), ANR Stormwater Manual, Green Stormwater Infrastructure sizing tool for small sites, or other applicable manual(s).

- **Supporting Documentation** will enhance your application. You may acquire supporting documentation from an ANR River Management Engineer*, the ANR Lakes and Ponds Section, your local Basin Planner or the VTrans District Technical Staff for general road maintenance or improvement projects. **See Questions and Technical Assistance Section below for phone numbers.** Other letters of support such as your Regional Planning Commission (RPC) will also be considered.
- **Permits** – If you believe you might need a permit for your project, e.g., Stream Alteration Permit*, please consider contacting the appropriate permit provider before you send in your application to see if they would provide a support/action plan letter. This information will help VTrans streamline the environmental review process for your grant and reduce the approval time. If you have questions regarding what type of permit you might need or who to contact for a permit, please call one of the individuals on the contact list below for assistance.

* Please see page 20 for the template River Management Engineer Support Letter that your River Management Engineer will provide for any river/stream projects.

Applications must be received on or before Friday March 17, 2017 by 5pm.

Please send completed applications to:

Better Roads Program
Agency of Transportation
Municipal Assistance Bureau
1 National Life Drive
Montpelier, Vermont 05633
Email: BetterRoads@vermont.gov
Phone: (802) 828-4585 or (802) 498-7216

Emailed applications are preferred as are color pictures.



Project Completion and Submittal Dates



Projects will be selected by the Better Roads Grant Selection Committee.

Grants are anticipated to be awarded around June 1, 2017.

Work may commence July 1, 2017 subject to funding availability.

The deadline to submit final reports and invoices for all categories is December 31, 2018.

Grant requests in **Category A** may be made for a **maximum of \$8,000**. Grant requests in **Category B** may be made for a **maximum of \$20,000**. Grant requests in **Category C and D** may be made for a **maximum of \$40,000**. Grant recipients will receive the final payment upon completion of the project and approval of final invoices.

The grant should represent a maximum of 80% of total project cost. A minimum 20% local match is required and can be met through cash expenditures as well as services such as staff and use of equipment (not funded by state or federal dollars).



Examples of how to calculate the required 20% match/requested grant amount:

Total Eligible Project Cost:

Category A- \$10,000 Category B- \$25,000 Categories C & D- \$50,000

Maximum Grant Award:

Category A- \$8,000 Category B- \$20,000 Categories C & D- \$40,000

Formula:

If Total Project Cost is **more** than the **Total Eligible Project Cost**, then

$$\text{Match} = \text{Total Project Cost} - \text{Maximum Grant Award}$$

If Total Project Cost is **less** than or equal to the **Total Eligible Project Cost**, then

$$\text{Match} = \text{Total Project Cost} \times 0.2$$



Questions and Technical Assistance

For questions regarding this application, general program related questions or for technical assistance please contact the Better Roads Technicians:

- Alan May (802) 828-4585, Eastern VT, VTrans Districts 2, 4, 7, 9
- Linda Blasch (802) 498-7216, Western VT, VTrans Districts 1, 3, 5, 8

For questions related to projects affecting rivers and streams please contact the Agency of Natural Resources, Rivers & Streams:

- Chris Brunelle, Northwest VT (802) 777-5328
- Patrick Ross, Northeast VT (802) 279-1143
- Scott Jensen, Southeast VT (802) 490-6962
- Jaron Borg, Central VT (802) 371-8342
- Josh Carvajal, Southwest VT (802)490-6163

For additional technical assistance, you may also contact your local VTrans District staff or Vermont Local Roads staff:

- Stu Johnson, (802) 828-3537 (Office) or (802) 279-2094 (Cell)
- Todd Eaton, (802) 353-0110

Project Completion Requirements

Category A

1. A copy of the inventory report and budget plan generated by the use of the grant funds must be submitted. Additional products specific to your project may also be required.
2. Submit a Municipal Invoicing Spreadsheet (available on the Better Roads website: <http://vtrans.vermont.gov/highway/better-roads>)
3. Copies of invoices and time sheets/receipts to document expenses and local match.

Categories B, C, and D

1. Submit a Municipal Invoicing Spreadsheet (available on the Better Roads website: <http://vtrans.vermont.gov/highway/better-roads>).
2. Four color photos of during (2 photos) and after (2 photos) the project.
3. Copies of invoices and time sheets/receipts to document expenses and local match



Vermont Better Roads Grant Program



APPLICATION

Cover Sheet

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

Town/Organization: _____

Contact Person(s): _____ Title: _____

Address: _____
Street Address *Town* *Zip*

Email: _____ Phone: () _____ - _____

DUNS #: _____ Fiscal Year End Month (MM): _____

Please use the documentation checklist below to ensure that all of the relevant items regarding your application have been included.

- Grant application cover sheet (Only submit one)
- Grant application form (One per project)
- 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)
- Project Location Map (please show location of affected water)
- Sketch of proposed project and erosion control measures or other management practices, including distances in fee
 - Also show approximate location of town/other right-of-way and/or property lines and limits of work
- Letters of Support (from Regional Planning Commission, VTrans District Technical Staff, ANR Rivers Engineer, etc.)
- If Category C River/Road Conflict or Category D River/Stream Structure or Culvert, you must attach ANR/ACOE consultation (see page 20)
- Photos must be color and clear to see.**
 - Please make sure there are enough photos to get a good idea of the project area



Vermont Better Roads Grant Program



APPLICATION

CATEGORY A

Road Inventory and Capital Budget Planning Project

Municipality: _____

Types of Projects: Road Erosion Inventory Culvert Inventory Both

Watershed (circle all that apply):

- | | | |
|---------------------------------|-----------------------|---|
| Battenkill/Hoosic/Walloomsac | Lamoille | Deerfield |
| Southern Lake Champlain | Winooski | Stevens/Wells/Waits/Ompompanoosuc |
| Otter/Little Otter/Lewis Creeks | White | Passumpsic |
| Northern Lake Champlain | Ottawaquechee/Black | Upper Connecticut River |
| Missisquoi Bay | West/Williams/Saxtons | Lake Memphremagog/
Coaticook/Tomifobia |

A watershed map is available at this link: <http://dec.vermont.gov/watershed/map/basin-planning>

Describe how the grant funds will be spent and attach a project budget:

How do you plan to meet the required 20% match on this grant?

(Town labor, equipment, materials, general fund cash match, etc):



Vermont Better Roads Grant Program



APPLICATION

Requested Grant Amount (\$8,000 max): \$ _____.

+
Local Match: \$ _____.

=

Total Project Cost: \$ _____.

Examples of how to calculate the required 20% match/requested grant amount:

Formula:

Total Eligible Project Cost:

Category A- \$10,000 Category B- \$25,000 Categories C & D- \$50,000

Maximum Grant Award:

Category A- \$8,000 Category B- \$20,000 Categories C & D- \$40,000

Formula:

If Total Project Cost is **more** than the **Total Eligible Project Cost**, then

Match=Total Project Cost-**Maximum Grant Award**

If Total Project Cost is **less** than or equal to the **Total Eligible Project Cost**, then

Match=Total Project Cost x 0.2

Estimated Completion Date: _____

REQUIRED ATTACHMENTS: a) Project budget b) 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: _____ Title: _____

MUST BE TOWN ADMINISTRATOR/MANAGER OR SELECT BOARD CHAIR



Vermont Better Roads Grant Program



APPLICATION

CATEGORY B/C/D

Please complete one application per category and/or project you are applying for. You may make copies of the application for multiple applications per category and/or multiple categories.

Please check the Category you are applying for:

- B. Correction of a Road Related Erosion Problem and/or Stormwater Mitigation Retrofit for both gravel and paved roads
- C. Correction of a Stream Bank or Slope Related Problem
- D. Structure/culvert upgrades

Municipality: _____

Road Name: _____ TH #: _____ Structure # (if applicable): _____

Road Type: Paved or Unpaved (circle one) Curbed or Uncurbed (circle one)

Class 1 Class 2 Class 3 Class 4 (circle one)

Watershed (circle all that apply):

- | | | |
|---------------------------------|-----------------------|---|
| Battenkill/Hoosic/Walloomsac | Lamoille | Deerfield |
| Southern Lake Champlain | Winooski | Stevens/Wells/Waits/Ompompanoosuc |
| Otter/Little Otter/Lewis Creeks | White | Passumpsic |
| Northern Lake Champlain | Ottauquechee/Black | Upper Connecticut River |
| Missisquoi Bay | West/Williams/Saxtons | Lake Memphremagog/
Coaticook/Tomifobia |

A watershed map is available at this link: <http://dec.vermont.gov/watershed/map/basin-planning>

Please provide a thorough description of the problem (ex. Roadway has steep slope with no ditch which is causing roadway erosion):

Types of work to be completed (circle all that apply):

- | | | |
|--------------------------------|---------------------------------|-------------------------------------|
| Slope Stabilization | Culvert- Upsize | Stormwater Mitigation/Retrofit |
| Retaining Wall | Grass Lined Ditch | Stormwater Rehab/Replacement |
| Bridge or Box Culvert | Stone Lined Ditch | Stream/Lake/Pond Bank Stabilization |
| Culvert- Same Size Replacement | Green Stormwater Infrastructure | |



Vermont Better Roads Grant Program APPLICATION



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

Total Length of Culverts Replaced: _____ ft.

Number of structures/culverts replaced/repared: _____

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

Provide a VERY detailed map of site location showing start and end points: Included

Please provide the Road Segment ID (RSID). If several, please list all. If unknown, please contact Better Roads Staff for this information (802)828-4585 or (802)498-7216:

RSID #: _____ Hydrologically Connected? Yes No Partially

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 type="checkbox"/> Steel 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	
Project Description:	
<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

Description of Project and how you plan to complete the work (ex. Stone line 500' of ditch by reshaping ditch and stone lining, working from the top of the project down to the bottom):



Vermont Better Roads Grant Program **APPLICATION**



What maintenance has the site required in the past and what causes this? (Example: Road needs 5 YD of gravel after every storm, or entire ditch washes out approx. 3ft deep in every large storm)

Progress to Date:

Is there an emergency reason this project must be completed quickly? If yes, please explain:

Has this project been identified through a municipal road inventory, capital budget plan, tactical basin plan, culvert inventory, or other management plan? If yes, please list which.

Yes: _____

No

Please list any professionals you may have contacted for assistance with 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?" (circle one) Yes No Both
(If No or Both, you will be required to have Agreement for Entry Liability Release for any impacted properties prior to the start of construction).

Will the town road crew complete this work? Yes, No, Some (if "some" please explain further).



Vermont Better Roads Grant Program APPLICATION



Budget:

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

Project budget IS attached

Indicate what work or funds you will use to provide your 20% match on this grant:

Are you applying to other grant programs to help fund this project? If so, what programs?

Requested Grant Amount:	\$ _____.
+	
Local Match:	\$ _____.
=	
Total Project Cost:	\$ _____.

Requested Grant Amount Max:

\$20,000 Category B

\$40,000 Categories C & D

Examples of how to calculate the required 20% match/requested grant amount:

Formula:

Total Eligible Project Cost:

Category A- \$10,000 Category B- \$25,000 Categories C & D- \$50,000

Maximum Grant Award:

Category A- \$8,000 Category B- \$20,000 Categories C & D- \$40,000

Formula:

If Total Project Cost is **more** than the **Total Eligible Project Cost**, then

Match=Total Project Cost-**Maximum Grant Award**

If Total Project Cost is **less** than or equal to the **Total Eligible Project Cost**, then

Match=Total Project Cost x 0.2



Vermont Better Roads Grant Program **APPLICATION**



Estimated Completion Date: _____

REQUIRED ATTACHMENTS:

- Itemized Cost Estimate (labor, equipment, materials)
(For assistance, call Better Roads at 802-828-4585 or 802-498-7216)
- Project Location Map
(Please show location of affected water; 1:12,000 USGS map, if possible)
- Sketch of proposed project and erosion control measures, including:
 - Distances/dimensions (ft.)
 - Approx. location of town/other right-of-way and/or property lines
 - 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**
- If project involves stream or river/road conflict, include documentation of consultation with a River Management Engineer or permit.
- 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: _____ Title: _____

MUST BE TOWN ADMINISTRATOR/MANAGER OR SELECT BOARD CHAIR



Vermont Better Roads Grant Program

SCORING CRITERIA



Vermont Better Roads Category B Grant Proposal Scoring Criteria

All categories will be scored on a sliding scale. The numbers below represent guidelines for scoring.

1. **Is the application complete?** [sliding scale, maximum 10 points]
2. **Is the project using Best Management Practices (BMPs) that are proven and likely to maximize long term success?** [maximum 15 points]
 - The proposed project utilizes appropriate BMPs and has maximized the likelihood of long term success (15 points)
 - The proposed project utilizes some appropriate BMPs but more could be done to increase the likelihood of success (10 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 points)
3. **What are the expected Water Quality Benefits within the watershed?** [maximum 25 points]
 - Project will lead to significant reductions in sediment and/or phosphorus (25 points)
 - Project will lead to moderate reductions in sediment and/or phosphorus (15 points)
 - Project will lead to small reductions in sediment and/or phosphorus (10 points)
 - Project will lead to no obvious reductions in sediment and/or phosphorus (0 points)
4. **Pre-scored: Is the project in a hydrologically connected segment?**
 - Yes; the entire project is in connected segment(s) (20 points)
 - Partially; part(s) of the project are in connected segments (10 points)
 - No; this project is not in a connected segment (0 points)
5. **Pre-scored: Is the project identified through a municipal road inventory, and/or capital budget plan, tactical basin plan, culvert inventory, or other management plan?** [maximum 15 points]
 - Yes (15 points)
 - No (0 points)
6. **Is the project cost effective?** [maximum 15 points]
 - The cost of the project is low and the expected benefits are high (15 points)
 - The cost of the project is average and the expected benefits are average (10 points)
 - The cost of the project is high and the expected benefits are low (0 points)
7. **Pre-scored: Has a natural resources and/or transportation professional or other reputable partner been consulted, visited the site, and/or provided a letter of support?** [maximum 10 points]
 - Yes (10 points)
 - No (0 points)
8. **Selection Committee discretionary allowance** [maximum 10 points]
9. **New Towns applying to the program will receive a BONUS of** [10 points]



Vermont Better Roads Grant Program



SCORING CRITERIA

Vermont Better Roads Category C Grant Proposal Scoring Criteria

All categories will be scored on a sliding scale. The numbers below represent guidelines for scoring.

1. **Is the application complete? [sliding scale, maximum 10 points]**
2. **Is the project using Best Management Practices (BMPs) that are proven and likely to maximize long term success? [maximum 15 points]**
 - The proposed project utilizes appropriate BMPs and has maximized the likelihood of long term success (15 points)
 - The proposed project utilizes some appropriate BMPs but more could be done to increase the likelihood of success (10 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 points)
3. **What are the expected Water Quality Benefits within the watershed? [maximum 30 points]**
 - Project will lead to significant reductions in sediment and/or phosphorus (30 points)
 - Project will lead to moderate reductions in sediment and/or phosphorus (20 points)
 - Project will lead to small reductions in sediment and/or phosphorus (10 points)
 - Project will lead to no obvious reductions in sediment and/or phosphorus (0 points)
4. **Is the project identified through a municipal road inventory, and/or capital budget plan, tactical basin plan, culvert inventory, or other management plan? [maximum 15 points]**
 - Yes (15 points)
 - No (0 points)
5. **Pre-scored: Is the project in a hydrologically connected segment?**
 - Yes; the entire project is in connected segment(s) (20 points)
 - Partially; part(s) of the project are in connected segments (10 points)
 - No; this project is not in a connected segment (0 points)
6. **Is the project cost effective? [maximum 15 points]**
 - The cost of the project is low and the expected benefits are high (15 points)
 - The cost of the project is average and the expected benefits are average (10 points)
 - The cost of the project is high and the expected benefits are low (0 points)
7. **Has a natural resources and/or transportation professional or other reputable partner been consulted, visited the site, and/or provided a letter of support? [maximum 10 points]**
 - Yes (10 points)
 - No (0 points)
8. **Selection Committee discretionary allowance [maximum 10 points]**
9. **New Towns applying to the program will receive a BONUS of [10 points]**



SCORING CRITERIA

Vermont Better Roads Category D Grant Proposal Scoring Criteria

All categories will be scored on a sliding scale. The numbers below represent guidelines for scoring.

1. **Is the application complete?** [sliding scale, maximum 10 points]
2. **Is the project using Best Management Practices (BMPs) that are proven and likely to maximize long term success?** [maximum 15 points]
 - The proposed project utilizes appropriate BMPs and has maximized the likelihood of long term success (15 points)
 - The proposed project utilizes some appropriate BMPs but more could be done to increase the likelihood of success (10 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 points)
3. **What are the expected Water Quality Benefits within the watershed?** [maximum 30 points]
 - Project will lead to significant reductions in sediment and/or phosphorus (30 points)
 - Project will lead to moderate reductions in sediment and/or phosphorus (20 points)
 - Project will lead to small reductions in sediment and/or phosphorus (10 points)
 - Project will lead to no obvious reductions in sediment and/or phosphorus (0 points)
4. **Pre-scored: Is the project in 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 (10 points)
 - No; the project is not in a connected segment (0 points)
5. **Does the culvert(s) in the proposed project meet the sizing, alignment and/or Aquatic Organism Passage requirements from a VTrans hydraulics study, Stream Alteration Permit and/or follow VTrans road and bridge standards?**
 - Yes (10 points)
 - No (0 points)
6. **Is the project identified through a municipal road inventory, and/or capital budget plan, tactical basin plan, culvert inventory, or other management plan?** [maximum 15 points]
 - Yes (15 points)
 - No (0 points)
7. **Is the project cost effective?** [maximum 15 points]
 - The cost of the project is low and the expected benefits are high (15 points)
 - The cost of the project is average and the expected benefits are average (10 points)
 - The cost of the project is high and the expected benefits are low (0 points)
8. **Has a natural resources and/or transportation professional or other reputable partner been consulted, visited the site, and/or provided a letter of support?** [maximum 10 points]
 - Yes (10 points)
 - No (0 points)
9. **Selection Committee discretionary allowance** [maximum 10 points]
10. **New Towns applying to the program will receive a BONUS of [10 points]**



Vermont Better Roads Grant Program



River Management Engineer Support Letter

I am providing this letter of support to the Town/City/Village of _____ for their Better Roads grant application on _____, which will have an impact on _____.

Road Name/TH Number

Name of River/Stream

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
 - Floodplain cut or benching
 - Elevate channel bed
 - Remove berm
- Restores or enhances natural channel dimensions
- Establishes tree/shrub buffer
- Restores habitat (including aquatic organism passage)
- No additional benefits

Thank you for your consideration,

Signature

Comments:

What are the expected Water Quality Benefits?

- Project will lead to significant reductions in sediment and/or phosphorus within the watershed
- Project will lead to moderate reductions in sediment and/or phosphorus within the watershed
- Project will lead to small reductions in sediment and/or phosphorus within the watershed
- Project will lead to no obvious reductions in sediment and/or phosphorus within the watershed