



# FY17 Vermont Better Roads Grant Application

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

Town/Organization: Town of Stockbridge Contact Person(s): Dave Brown, Road Foreman

Address: 1722 VT Route 100, Stockbridge, VT 05772

Email: townofstockbridge@myfairpoint.net Phone: ( 802 ) 746 - 8400

DUNS #: 042917567 Fiscal Year End Month (MM): Dec.

Accounting System:  Automated  Manual  Combination

Please use the suggested 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 category/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 erosion control measures or other management practices, including distances in feet  
Also show approximate location of town/other right-of-way and/or property lines
- Photo(s) of the project area
- Letters of Support (RPC, VTrans District Technical Staff, ANR Rivers and Streams Engineers, etc.)
- If Category C River/Road Conflict or Category D River/Stream Structure or Culvert, you must attach ANR/ACOE consultation



# Vermont Better Roads Grant Program Application

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

Town/Organization: Town of Stockbridge

Project Name: Driscoll Road Culvert Replacement and Road Ditching

Road Name: Driscoll Road TH #: 35 Structure # (if applicable): \_\_\_\_\_

Road Type: Unpaved Paved or Unpaved (circle one) Uncurbed Curbed or Uncurbed (circle one)  
Class 3 Class 1 Class 2 Class 3 Class 4 (circle one)

Watershed: White Basin 9

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

Driscoll Road has a steep slope with no ditch to drain the water off as you drive up the road around a series of sharp curves. The road continues to get eroded and much of the road material washes away plugging up many water turnouts and continuing down the road with erosion. The road is a dug way with many sections with nowhere for the water to run off without major excavation of materials.

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):

The Town will install 4 new 18" x 40' culverts and replace 4 existing culverts to 18" x 40' (for a total of 8 new culverts along the road) to improve drainage and to dig 2-3 new water turn outs where the road turns and bends like an oxbow shape. There will be roughly 85 trees within the Town ROW that will be removed. The project length is approximately 1620ft.

Expected Effects (+ & -) on water quality (ex. Erosion will be eliminated by placing the stone ditch):

The establishment of a ditch flowing from down from Driscoll Road to where it meets Stony Brook Road and Stony Brook along with 4 additional new culverts and new water turn outs will help reduce major erosion from reoccurring on the road.



Distance from end of project to nearest water (stream, lake, or stormwater system that outlets directly to water). Please circle one: 0-50' 50-250' 250'+

50-250

Progress to Date:

As road erosion occurs, the road crew fixes the road.

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

No

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: 2014 culvert inventory was done, nearby culverts are poor condition but this is drainage issue

No

Please list any professionals you may have contacted for assistance with this project (ANR River Management Engineer, Army Corps of Engineers, VTtrans District Technical staff, Basin Planner etc.):

Todd Menees, ANR River Management Engineer  
Jim Ryan, DEC

Is the project located in the town "Right of Way?" Yes, No, Both (if "Both" please explain further).

Yes

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

Yes



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

Please see attached project budget.

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

Town Highway Budget

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): \$ 27,097.00

Estimated Total Project Cost (including 20% local match): \$ 33,871.00

Estimated Completion Date: 12/31/2017

**REQUIRED ATTACHMENTS:**

- Itemized Cost Estimate (labor, equipment, materials)  
(For assistance, call Better Backroads at 802-828-4585)
- Project Location Map  
(Please show location of affected water; 1:12,000 USGS map, if possible)
- Sketch of proposed erosion control measures, including:
  - Distances (ft.)
  - Estimate of waste & borrow quantities
  - Approx. location of town/other right-of-way and/or property lines
- Photo(s) of the project area.
- Agreement for Entry and/or Deed of Easement (if project is outside Town ROW).
- If project involves stream or river/road conflict, include documentation of consultation with a River Management Engineer.
- Other appropriate supporting documents.

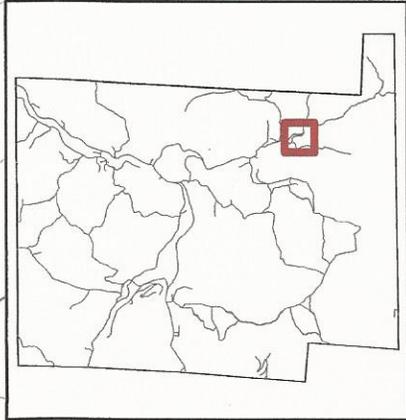
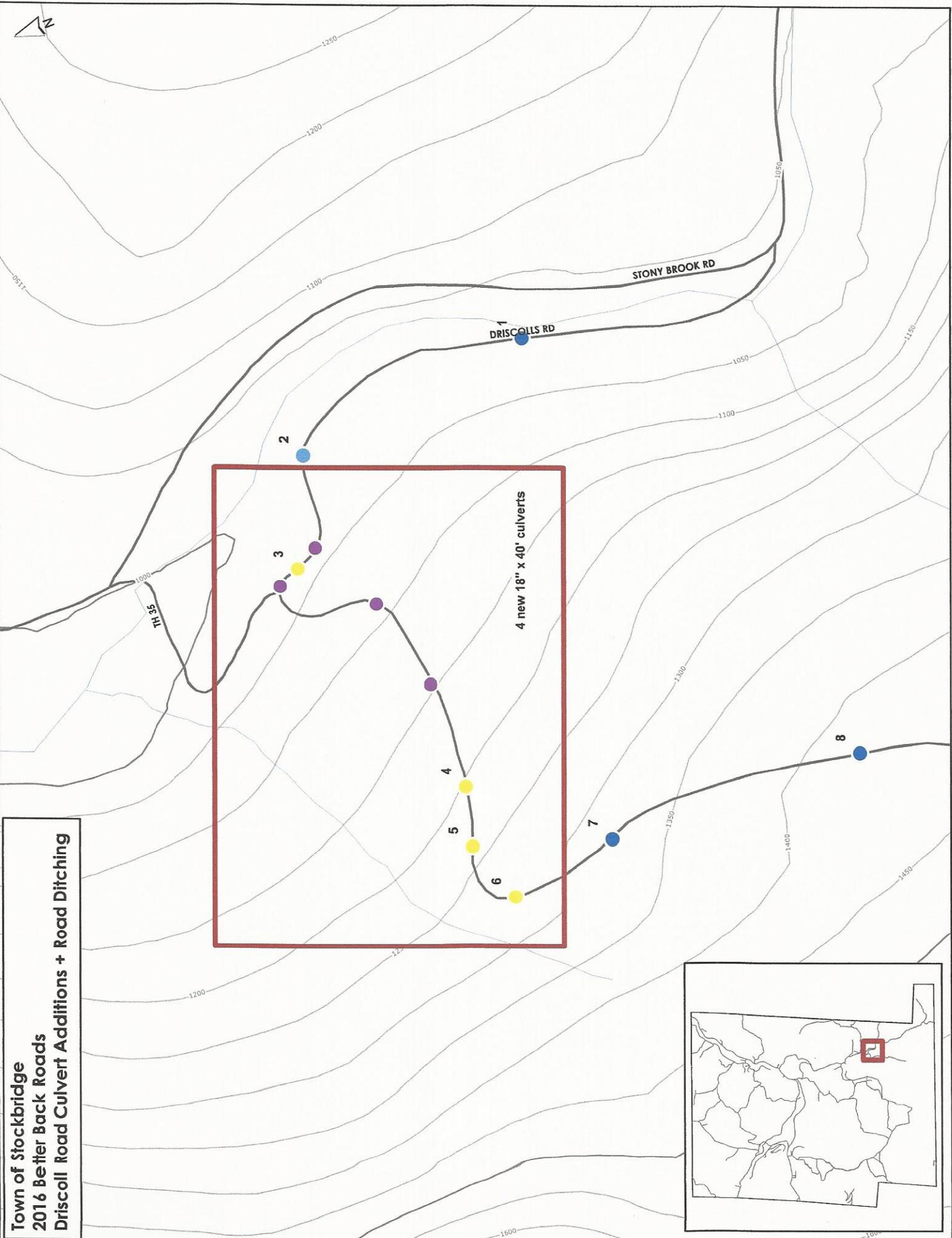
By signing this application I certify that all the information provided is accurate to the best of my knowledge. We will comply with all the requirements of the grant including making our books available for audit if required.

**SIGNATURE OF APPLICANT: (Must be Town Administrator/Manager or Select Board Chair)**

Name: Max Pellet Title: \_\_\_\_\_



**Town of Stockbridge  
2016 Better Back Roads  
Driscoll Road Culvert Additions + Road Ditching**



Town of Stockbridge  
Driscoll Road  
Culvert Replacement  
and Ditching

Drawing By Rita Seto  
TRDRC

NOT TO SCALE

Culvert #6  
existing 15" x 35" plastic

Culvert #5  
existing 15" x 30" plastic

Culvert #4  
existing 15" x 30" plastic

New 18" x 40' culvert

New 18" x 40' culvert

New Trench

Cellar hole

new turnout

driveway

New 18" x 40' culvert + trench

Culvert #3  
existing 18" x 40' plastic

New 18" x 40' culvert

Driscoll Rd

L. Wrights Field.

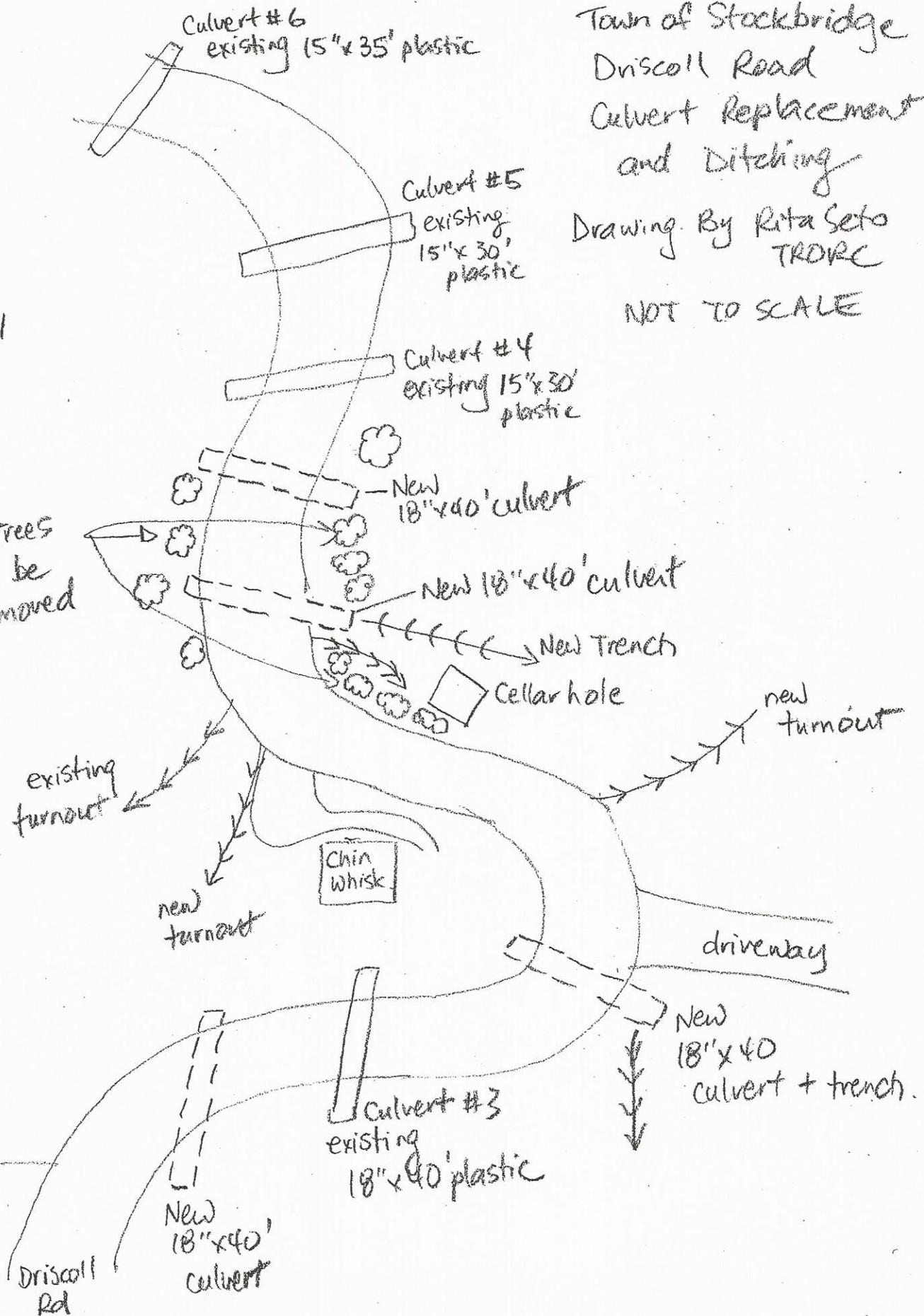
heading downhill

trees to be removed

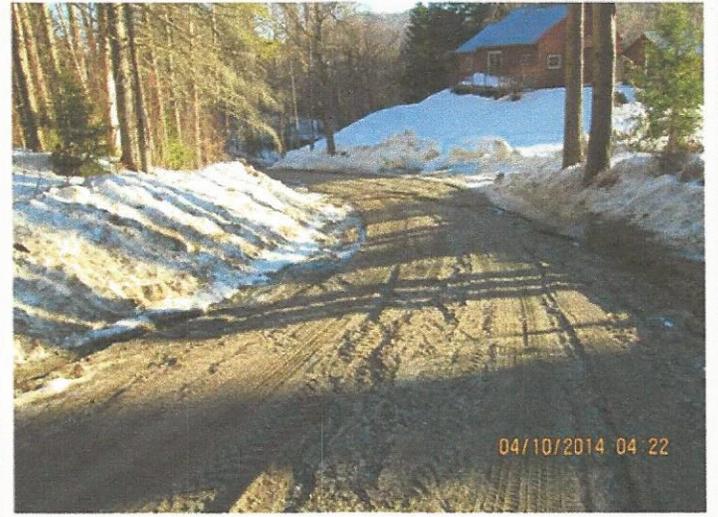
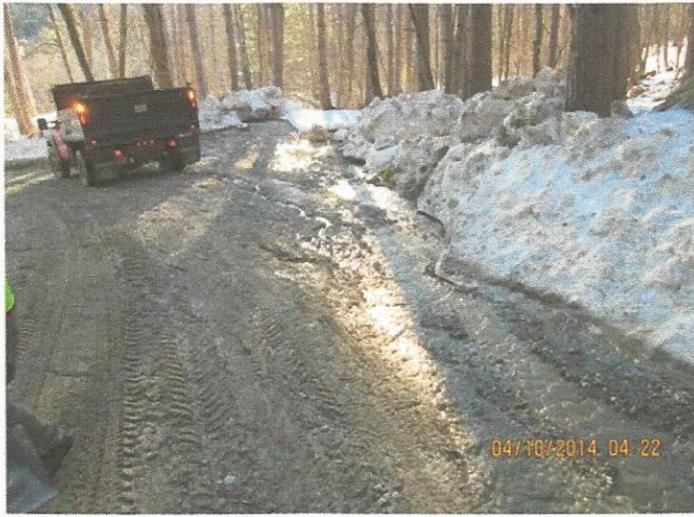
existing turnout

new turnout

Chin Whisk



# Driscoll Road | Stockbridge



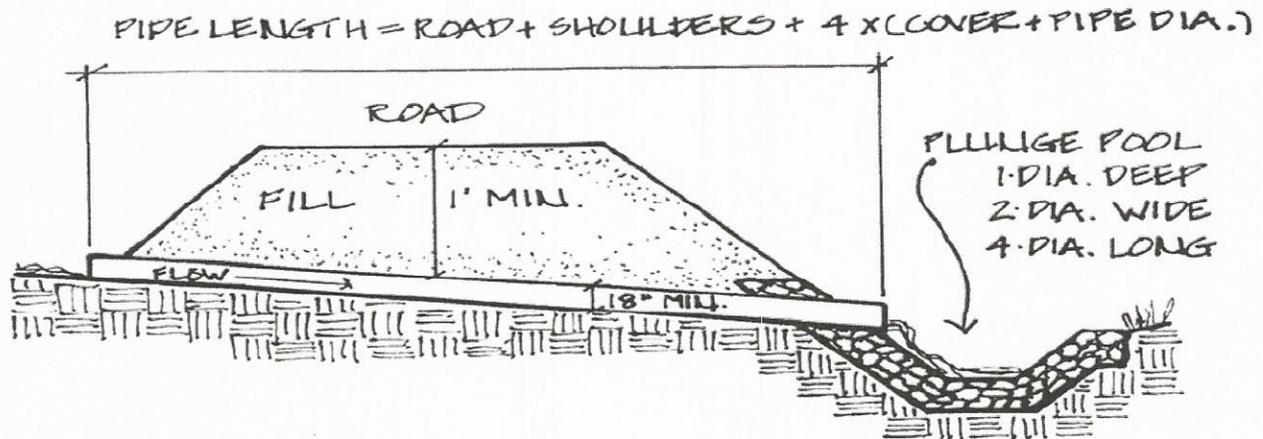
The photos illustrate the drainage issues on Driscoll Road.

## Site Description

Driscoll Road is a class 3 gravel road and the section under review has 4 culverts between a long stretch of road (1620ft) that is sloped downhill. There is minimal ditching and storm water runs into the road causing mud and sediment erosion.

## Recommended Treatment

Add 4 additional 18" x 40' steel culverts along the stretch of road (see sketch), replace 4 existing culverts and improve ditching and additional turnouts to help reduce road erosion during storm events.



**Permit Requirements** - A VT DEC Stream Alteration Permit will not be required for this project. Todd Menees concurred with the recommended treatments.

### Construction Notes:

- Construction Specifications - See specifications in Vermont Better Backroads Manual, 2009
- Buried Cable/Utilities - Buried cable/utilities may be on site. Call Dig Safe 1-888-DIG-SAFE to locate buried utilities prior to construction
- Crown roads  $\frac{1}{2}$  to  $\frac{3}{4}$  inch per linear foot after project installation and maintain there after (p. 5)
- Stabilize all disturbed soils with seed and mulch (p.33)

Poor Priority Listing for Town of STOCKBRIDGE 2014 Culvert Inventory

	ROAD	CULVERT #	LATITUDE	LONGITUDE	HEIGHT	WIDTH	LENGTH	MATERIAL	TYPE	CONDITION	PRIORITY	COMMENT
1	ABBOTT RD	10	43.79492027	-72.6847892	15	15	30	Plastic	Round	POOR	High	TOO SHALLOW, CULVERT SEPARATED
2	BLACKMER BLVD	14	43.76231068	-72.73385658	15	15	40	Steel	Round	CRITICAL	High	CRUSHED INLET
3	BLACKMER BLVD	27	43.774115397	-72.7495454	15	15	40	Steel	Round	POOR	High	PLUGGED COMPLETELY
4	BLANCHARD RD	2	43.73601054	-72.73449656	15	15	32	Steel	Round	CRITICAL	High	REPLACEMENT NEEDED
5	BLANCHARD RD	6	43.73712266	-72.73298889	15	15	25	Steel	Round	CRITICAL	High	REPLACEMENT NEEDED
6	DRISCOLLS RD	3	43.72382796	-72.72309467	18	18	30	Plastic	Round	POOR	High	UNDERSIZED, REPLACEMENT NEEDED
7	DRISCOLLS RD	4	43.72327173	-72.72569318	15	15	30	Plastic	Round	POOR	High	UNDERSIZED, REPLACEMENT NEEDED
8	DRISCOLLS RD	5	43.72337897	-72.72626681	15	15	30	Plastic	Round	POOR	High	UNDERSIZED, REPLACEMENT NEEDED
9	DRISCOLLS RD	6	43.72322563	-72.72689934	15	15	35	Plastic	Round	POOR	High	UNDERSIZED, REPLACEMENT NEEDED
10	DAVIS HILL RD	11	43.72525923	-72.71480983	18	18	32	Plastic	Round	POOR	High	CRUSHED IN MIDDLE NEEDS REPLACEMENT
11	MUSIC MOUNTAIN RD	6	43.79186661	-72.75496975	12	12	40	Steel	Round	CRITICAL	High	PLUGGED AND RUSTING
12	MUSIC MOUNTAIN RD	14	43.79803477	-72.75074753	15	15	36	Steel	Round	CRITICAL	High	
13	MUSIC MOUNTAIN RD	16	43.79935232	-72.74936116	18	18	30	Steel	Round	CRITICAL	High	
14	MUSIC MOUNTAIN RD	17	43.80010937	-72.74858777	15	15	30	Plastic	Round	CRITICAL	High	NEEDS REPLACEMENT
15	MUSIC MOUNTAIN RD	9	43.81618184	-72.7208424	18	18	40	Steel	Round	CRITICAL	High	NEEDS TO BE REPLACED
16	NEW BOSTON RD	13	43.8165058	-72.72691586	15	15	40	Plastic	Round	CRITICAL	High	NEEDS TO BE REPLACED, SEPARATED IN MIDDLE
17	S HILL RD STOCKBRIDGE	6	43.77317805	-72.7238027	15	15	38	Steel	Round	CRITICAL	High	NO BOTTOM
18	S HILL RD STOCKBRIDGE	24	43.76028607	-72.728205977	15	15	34	Plastic	Round	CRITICAL	High	
19	S HILL RD STOCKBRIDGE	42	43.74720712	-72.79044731	?	?	?	Other	Round	POOR	High	COULD NOT FIND CULVERT
20	SPRING ST	3	43.75800856	-72.80997196	24	24	100	Steel	Round	POOR	High	BAD
21	STOCKBRIDGE COMMON	2	43.78426439	-72.75298139	?	?	?	Unknown	Round	UNKNOWN	High	BURIED, COULDN'T FIND EITHER END
22	STONY BROOK RD	23	43.75037051	-72.72091108	15	15	35	Steel	Round	POOR	High	SEPARATED AND CRUSHED
23	STONY BROOK RD	32	43.74321716	-72.72137151	15	15	34	Steel	Round	POOR	High	CANT FIND INLET, OUTLET NEEDS CLEANING
24	TAGGART HILL RD S	12	43.73698823	-72.74412926	18	18	40	Plastic	Round	CRITICAL	High	HOLE IN TOP
25	TAGGART HILL RD S	20	43.7457394	-72.74108987	18	18	20	Steel	Round	CRITICAL	High	OUTLET BENT TARRER REPLACEMENT NEEDED
26	TAGGART HILL RD S	22	43.74649999	-72.7388909	18	18	40	Steel	Round	CRITICAL	High	REPLACEMENT NEEDED
27	TIMBERHAWK RD	4	43.77597348	-72.76173069	15	15	100	Steel	Round	CRITICAL	High	PLUGGED
28	BLACKMER BLVD	7	43.75972889	-72.7281941	15	15	40	Steel	Round	POOR	Medium	OUTLET END BROKEN OFF
29	DAVIS HILL RD	8	43.72572419	-72.7171022	15	15	32	Steel	Round	POOR	Medium	TOO SHALLOW, SEPARATED, OUTLET NEEDS WORK
30	DAVIS HILL RD	35	43.73330046	-72.693876	15	15	30	Steel	Round	POOR	Medium	PLUGGED, UNDERSIZED NEEDS TO BE BIGGER AND LONGER
31	DRISCOLLS RD	12	43.71805568	-72.72918118	18	18	20	Steel	Round	POOR	Medium	INLET PLUGGED, UNDERSIZED NEEDS TO BE LONGER
32	LYON HILL RD S	12	43.7915667	-72.73917255	12	12	30	Steel	Round	POOR	Medium	BOITOM RUSTED OUT
33	MT HUNGER RD	4	43.77411843	-72.70038807	15	15	40	Steel	Round	POOR	Medium	RUSTED PARTWAY THROUGH
34	MUSIC MOUNTAIN RD	18	43.8003594	-72.74828434	15	15	34	Steel	Round	POOR	Medium	BOTTOM RUSTED
35	MUSIC MOUNTAIN RD	20	43.80131477	-72.74663462	15	15	30	Steel	Round	POOR	Medium	NEEDS STONE HEADER, PLUGGED WITH SOME ROCKS
36	MUSIC MOUNTAIN RD	23	43.80444801	-72.74279629	15	15	30	Steel	Round	POOR	Medium	NEEDS STONE HEADER, BOTTOM RUSTED OUT
37	RYER RD	1	43.72888196	-72.71954891	?	?	20	Plastic	Round	POOR	Medium	stone header, cant find outlet too many rocks
38	S HILL RD PTFILD	19	43.73678025	-72.80447766	18	18	30	Steel	Round	POOR	Medium	ROTTEN BOTTOM
39	S HILL RD STOCKBRIDGE	11	43.77048385	-72.7248563	15	15	34	Steel	Round	POOR	Medium	PLUGGED, EXTRA PIECE (PLASTIC) ON END
40	S HILL RD STOCKBRIDGE	12	43.76974741	-72.77302941	18	18	34	Steel	Round	POOR	Medium	PLUGGED, BOTTOM RUSTED OUT
41	S HILL RD STOCKBRIDGE	39	43.75093635	-72.79018212	24	24	32	Plastic	Round	POOR	Medium	COLLAPSED IN MIDDLE
42	SPRING ST	1	43.75602799	-72.80851786	18	18	40	Steel	Round	POOR	Medium	BENT INLET ROTTEN
43	SPRING ST	2	43.75697939	-72.80967793	18	18	50	Steel	Round	POOR	Medium	INLET ROTTEN
44	STOCKBRIDGE COMMON	3	43.78784246	-72.75747954	84	84	60	Steel	Round	POOR	Medium	UNDERSIZED NEEDS TO BE REPLACED
45	STONY BROOK RD	22	43.75060061	-72.71956216	15	15	40	Steel	Round	POOR	Medium	INLET PLUGGED, OUTLET BURIED NEEDS TO BE DUG OUT
46	STONY BROOK RD	25	43.74805945	-72.721522	18	18	32	Plastic	Round	POOR	Medium	TOO SHALLOW, CRUSHED
47	STONY BROOK RD	30	43.74484441	-72.721735	18	18	32	Steel	Round	POOR	Medium	BOTTOM RUSTED
48	TAGGART HILL RD S	10	43.7362753	-72.7425316	18	18	30	Steel	Round	POOR	Medium	PLASTIC EXTENDED TO BEND
49	WHITCOMB HILL RD	14	43.79214695	-72.70289447	18	18	25	Plastic	Round	POOR	Medium	MIDDLE BREAK
50	WHITCOMB HILL RD	17	43.79395679	-72.70785784	12	12	18	Steel	Round	POOR	Medium	FAILED INLET

Poor Priority Listing for Town of STOCKBRIDGE 2014 Culvert Inventory

	ROAD	CULVERT #	LATITUDE	LONGITUDE	HEIGHT	WIDTH	LENGTH	MATERIAL	TYPE	CONDITION	PRIORITY	COMMENT
51	BLACKMER BLVD	5	43.75959168	-72.7264189	18	18	60	Steel	Drop Inlet	POOR	Low	ROCKS IN MIDDLE
52	BLACKMER BLVD	13	43.76095198	-72.73197836	15	15	40	Steel	Round	POOR	Low	OUTLET PLUGGED, NEEDS CLEANING
53	FLETCHER BROOK RD	15	43.73519569	-72.73541132	18	18	50	Plastic	Round	POOR	Low	PLUGGED NEEDS CLEANING
54	NEW BOSTON RD	8	43.81595041	-72.77309267	36	36	30	Steel	Round	POOR	Low	
55	RANNEY RD	1	43.75084906	-72.71651556	18	18	40	Plastic	Round	POOR	Low	COLLAPSING INLET
56	RIVER RD	10	43.78686773	-72.69256302	15	15	30	Steel	Round	POOR	Low	BOTTOM RUSTED OUT, WOULD REPLACE LONGER
57	S HILL RD STOCKBRIDGE	7	43.77185629	-72.7725541	15	15	40	Plastic	Round	POOR	Low	
58	S HILL RD STOCKBRIDGE	14	43.76917152	-72.77315094	15	15	40	Steel	Round	POOR	Low	BOTTOM RUSTED OUT
59	STOCKBRIDGE COMMON	5	43.78948674	-72.75920353	15	15	50	Steel	Round	POOR	Low	
60	TAGGART HILL RD S	19	43.74538006	-72.74469891	18	18	30	Steel	Round	POOR	Low	RUSTED OUTLET
61	TAGGART HILL RD S	21	43.746233	-72.740026	15	15	30	Steel	Round	POOR	Low	INLET PLUGGED SQUISHED OUTLET
62	WHITCOMB HILL RD	2	43.78433013	-72.69858468	18	18	30	Steel	Round	POOR	Low	PLUGGED SEDIMENT AT INLET
63	WHITCOMB HILL RD	3	43.7854499	-72.69966531	18	18	30	Steel	Round	POOR	Low	
64	WHITCOMB HILL RD	30	43.8079784	-72.71385413	15	15	25	Steel	Round	POOR	Low	OUTLET NEEDS CLEANING

April 7, 2016

Mr. Dave Brown  
Town of Stockbridge  
PO Box 39  
Stockbridge, VT 05772

Dear Dave,

I am pleased to provide a letter of support for the Town of Stockbridge's application submission for a Category D Better Back Roads grant for the culvert upgrades and ditching work to Driscoll Road. During the culvert inventory planning grant, we identified the 4 culverts along Driscoll Road to be of high priority for replacement due to the drainage issues. These culvert replacements along with additional culverts will help reduce road erosion.

Please contact me if you have any questions.

Sincerely,



Rita Seto, AICP  
Senior Planner

128 King Farm Rd.  
Woodstock, VT 05091  
**802-457-3188**  
[trorc.org](http://trorc.org)

William B. Emmons, III, Chair  
Peter G. Gregory, AICP, Executive Director

From: "Rita Seto" <rseto@trorc.org>  
 Subject: FW: Better Back Road grant applications from TRORC region  
 Sent date: 04/14/2016 09:36:40 AM  
 To: "David Brown" <stockbridgefire@aol.com>, "Town Clerk Stockbridge" <townofstockbridge@myfairpoint.net>

Inline content has been blocked for your safety.  
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FYI Cathy and Dave....

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**From:** Rita Seto  
**Sent:** Thursday, April 14, 2016 9:35 AM  
**To:** 'alan.may@vermont.gov'; 'Scribner, Sue'  
**Cc:** Peter G. Gregory  
**Subject:** Better Back Road grant applications from TRORC region

Good morning Alan and Sue,

I want to bring to light a situation that I have encountered while I've been assisting towns in my region with the BBR grant applications. As part of the application requirements, one of the elements is a letter of support from the RPC, ANR River Engineer, VTrans District Tech, etc.

The towns that I have been working to submit an implementation grant application (listed below) are in Todd Menee's region. I have been actively working with the towns and with Todd to try to get field visits and letters of concurrence for the projects for the grant application. Todd has been extremely busy with his capacity to respond with the BBR, VTrans District Structures and ERP grant all due this Friday. There are some towns where he has come to do a site visit but have been unable to supply a letter of concurrence (in time for the grant that is due Friday). For the towns that lack this in their application, I have tried to include my email correspondence to Todd to showcase that we have been diligently trying to get that letter. I am not blaming Todd as I understand his capacity is currently limited to do only so much. But, I am concerned for the towns that during the review committee, this lack of documentation will dock points against the project application to no fault of the town's. I hope the review committee will consider this factor and not penalize the town's application.

The towns that are submitting an implementation application but are lacking Todd's concurrence include:

Barnard (field visit complete, sent email to Todd summarizing recommended treatments as agreed to in the field, no email response)

Bridgewater (field visit complete, sent email to Todd summarizing recommended treatments as agreed to in the field, no email response)

Norwich (has not scheduled field visit with Todd, had field visit with Chris Bump VTrans)

Sharon (Todd scheduled field visit for Monday April 18 – after grant applications are due)

Stockbridge (has not scheduled field visit with Todd)

Thanks for the consideration

~ Rita

**Rita Seto, AICP | Senior Planner**



Two Rivers-Ottawaquechee Regional Commission

128 King Farm Rd, Woodstock, VT 05091

**From:** [Rita Seto](#)  
**To:** [Rita Seto](#)  
**Subject:** FW: Stockbridge BBR grant applications  
**Date:** Wednesday, April 13, 2016 12:41:47 PM

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Todd Menees and Rita Seto spoke on Tues April 12 regarding the Stockbridge applications. With Todd's packed schedule, he has not had a chance to review the grant application (and may not in time for the grant submission).

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**From:** Rita Seto  
**Sent:** Tuesday, April 12, 2016 10:02 AM  
**To:** Todd Menees ([Todd.Menees@vermont.gov](mailto:Todd.Menees@vermont.gov))  
**Cc:** David Brown  
**Subject:** RE: Stockbridge BBR grant applications

Hi Todd,

Any chance for a quick YES email to the Stockbridge scopes?

Thanks!  
Rita

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**From:** Rita Seto  
**Sent:** Thursday, April 07, 2016 2:07 PM  
**To:** Todd Menees ([Todd.Menees@vermont.gov](mailto:Todd.Menees@vermont.gov))  
**Cc:** [stockbridgefire@aol.com](mailto:stockbridgefire@aol.com)  
**Subject:** Stockbridge BBR grant applications

Todd,

I know you're busy and probably have not had time to go out to Dave. I pulled both grant applications together for you to take a look at the proposed projects (they are more of Jim Ryan's scope with roadway drainage, not so much river/road conflicts). Just need an email of concurrence from you. Hope this saves you from needing to go out there.

Thanks  
~ Rita

**Rita Seto, AICP | Senior Planner**



Two Rivers-Ottawaquechee Regional Commission  
128 King Farm Rd, Woodstock, VT 05091  
Tel: 802.457.3188 | Cell: 802.281.2927 | Fax: 802.457.4728  
[rseto@trorc.org](mailto:rseto@trorc.org) | [www.trorc.org](http://www.trorc.org) | [TRORC Facebook](#)