



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 Sheldon

Project Name: Culvert Replacement and Bank Stabilization

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

Road Type: Paved Uncurbed
Class 3

Watershed: Missisquoi Watershed

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

The culvert on Pleasant Street 800 ft north of intersection of Bridge and Pleasant Street is rusting out and the steep roads banks at the culvert crossing are eroding. It is a 48" corrugate metal culvert approximately 60'.

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 project would include replacing the existing culvert with a 48"x80' HDPEP (triple walled). The longer culvert is necessary to accommodate a planned widening of this roadway. The steep banks at the inlet and outlet will be stabilized with rock to prevent further erosion.

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

The project will mitigate the continual erosion from the steep culvert banks. It also will prevent a mass-failure that would send a significant amount of sediment into the stream and into Black Creek immediately downstream.



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

Progress to Date:

A hydraulic study has been requested.

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: _____

No

Please list any professionals you may have contacted for assistance with this project (ANR River

Management Engineer, Army Corps of Engineers, VTrans District Technical staff, Basin Planner etc.):

Town worked with Regional Planning and sought input from VT ANR Rivers Engineer but was unable to do a site visit. A hydraulic study request has been requested.

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).

Both. The town will prepare the site and will contract out the excavation and culvert installation.



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

See attached budget.

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

The 20% match will be met through town labor & materials

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

~~20,000~~ \$21,752.72

Estimated Total Project Cost (Including 20% local match):

\$27,190.90

Estimated Completion Date: 9/15/2016

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.

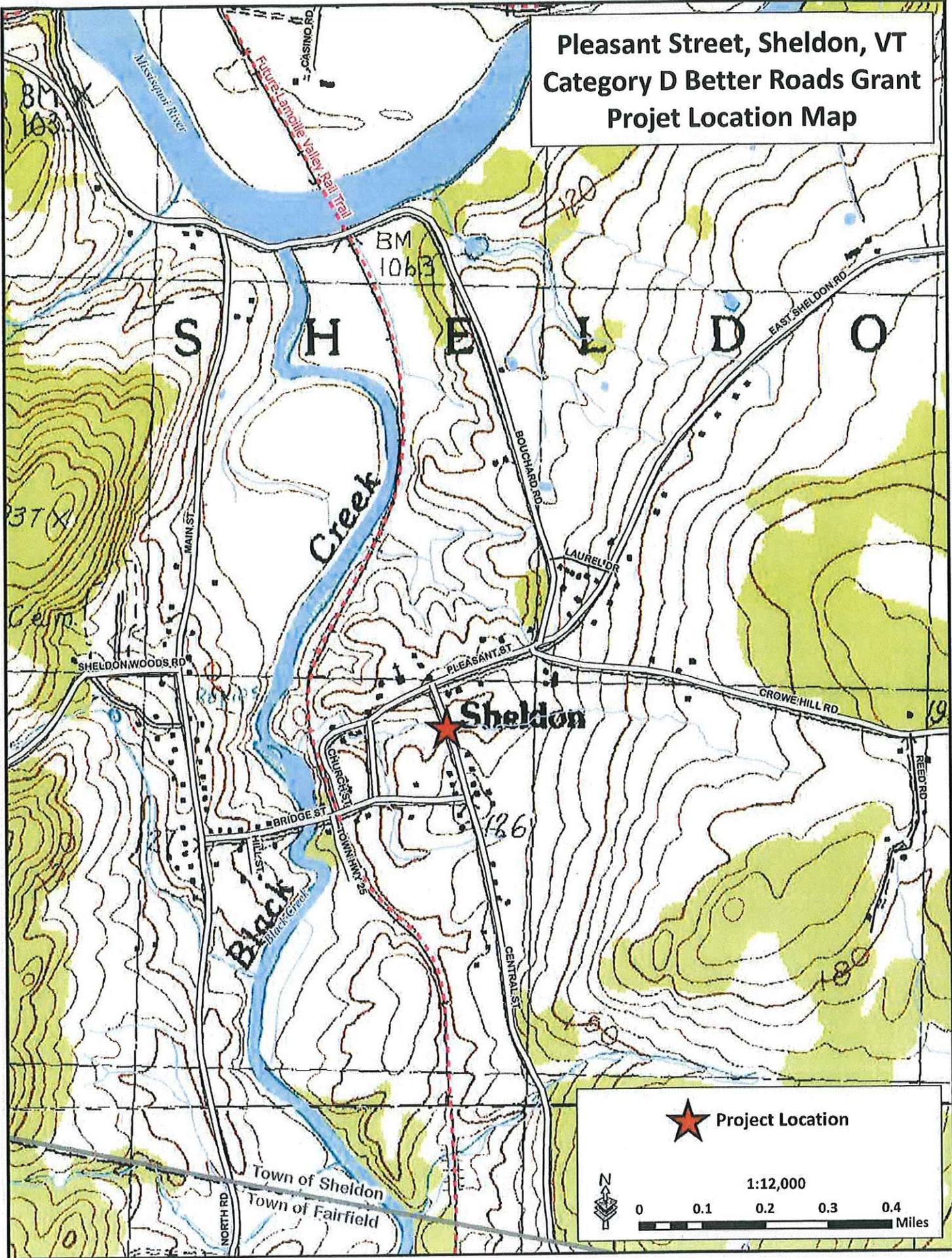
By signing this application I certify that all the information provided is accurate to the best of my knowledge. We will comply with all the requirements of the grant including making our books available for audit if required.

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

Name: Robert W. York

Title: Road Foreman

Pleasant Street, Sheldon, VT
Category D Better Roads Grant
Project Location Map





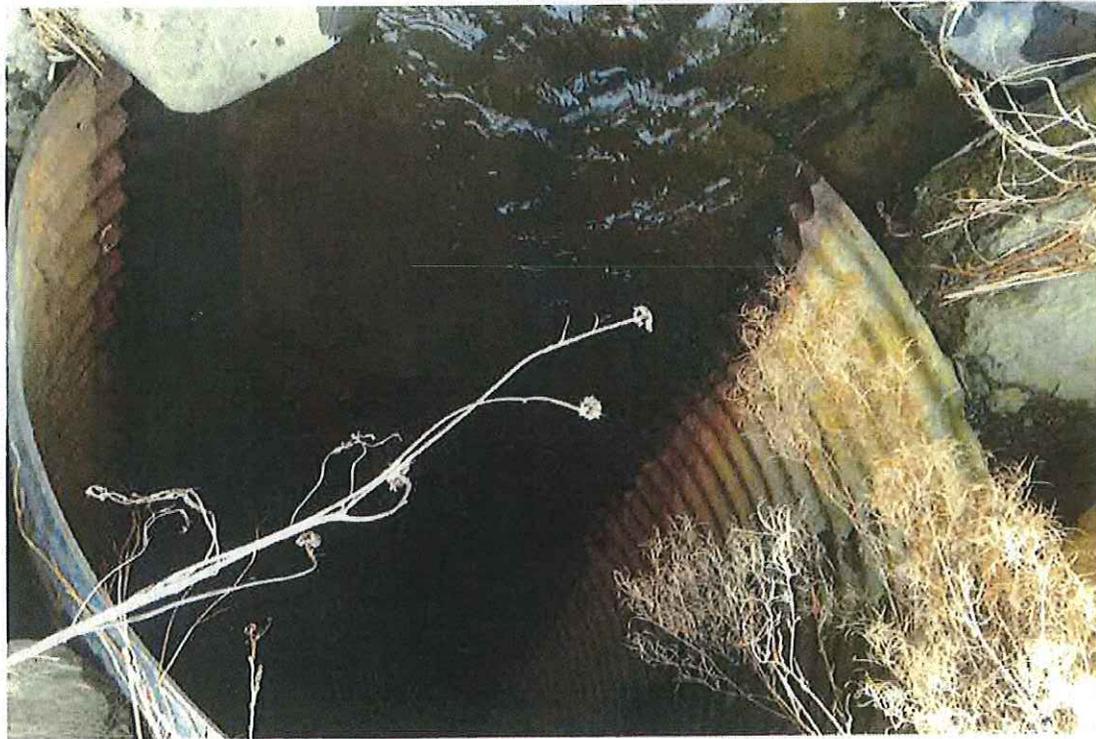
Outlet of culvert



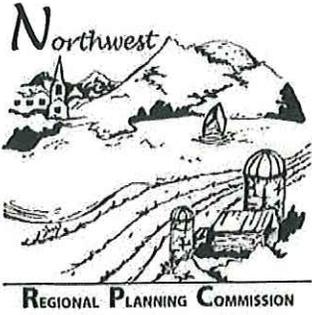
Downstream view from culvert



Eroding bank at culvert inlet -



Inset culvert outlet.



75 Fairfield Street • St. Albans, VT 05478 • (802) 524-5958 • Fax (802) 527-2948

April 14, 2016

Ron Lontine, Road Foreman
Town of Sheldon
OO. Box 66
Sheldon, VT 05483

Dear Ron:

The Northwest Regional Planning Commission (NRPC) is pleased to support the Town of Sheldon's Better Roads Program grant application. It is my understanding that the Town is seeking funds to mitigate an eroding ditch and replace a failing culvert. These projects will have positive water quality benefits by reducing erosion in and eliminate potential sediment and nutrient from entering the Missiquoi River and ultimately Lake Champlain.

Good luck with your project!

Sincerely:

Bethany Remmers
Assistant Director

Wheeler, Lawrence

From: Wheeler, Lawrence
Sent: Monday, April 18, 2016 6:35 AM
To: 'Kangas, Ernest'
Cc: 'Coulter, Steven'
Subject: RE: Brunswick BF 0271(23) VT Route 102 BR # 6 @ MM STA 2.6

Yes, the pole to be replaced at the south end of the bridge is right on the ROW line; but the next pole ahead is well outside of the existing ROW. Was there ever an easement acquired between these 2 poles?



Lawrence Wheeler, Senior Technician

Greenman-Pedersen, Inc.
Engineering and Construction Services

Vermont Agency of Transportation
Structures Section
One National Life Drive
Montpelier, VT 05633-5001

lwheeler@gpinet.com
lawrence.wheeler@partner.vermont.gov

From: Kangas, Ernest [mailto:ekangas@fairpoint.com]
Sent: Friday, April 15, 2016 7:32 AM
To: Wheeler, Lawrence <Lawrence.Wheeler@partner.vermont.gov>
Subject: RE: Brunswick BF 0271(23) VT Route 102 BR # 6 @ MM STA 2.6

Good Morning, Larry,

Our records do not list the pole maintainer, but Fair Point has been the pole maintainer on other jobs along this route, so I assume it will be us.

I believe we discussed this easement issue during our initial meeting. I believe VAOT was going to get additional easement area to reconstruct the bridge which would include the new pole setback. I believe we are on the edge of the existing highway right of way line now.

Ernie

From: Wheeler, Lawrence [mailto:Lawrence.Wheeler@partner.vermont.gov]
Sent: Thursday, April 14, 2016 11:31 AM
To: scoulter@vermontelec.coop; Kangas, Ernest
Cc: Bonneau, Douglas; Proulx, Andrea; Rutter, Melissa
Subject: Brunswick BF 0271(23) VT Route 102 BR # 6 @ MM STA 2.6

Good morning gentlemen

Our ROW Section is in the process of preparing the "take line" to acquire easements for the above referenced bridge project.

Wheeler, Lawrence

From: Rondeau, Bob <brondeau@fairpoint.com>
Sent: Friday, April 15, 2016 7:44 AM
To: Wheeler, Lawrence
Cc: Rice, Andrew; Yannone, Thomas; Corbett, Shaun; Williams, Bethany
Subject: RE: Weston BR 013-2(13) & Clarendon BRO 1443(48) - utilities

I have no control over our construction dept as the job has been issued to them. Please contact Tom & or Shaun, thanks

From: Wheeler, Lawrence [mailto:Lawrence.Wheeler@partner.vermont.gov]
Sent: Friday, April 15, 2016 7:34 AM
To: Williams, Christopher D
Cc: Fitch, Jennifer; Higgins, Kristin; Rutter, Melissa; Corbett, Shaun; Rice, Andrew; Rondeau, Bob
Subject: RE: Weston BR 013-2(13) & Clarendon BRO 1443(48) - utilities

Andy and Bob. Can you please provide me with your relocation schedule for the Clarendon and Weston Bridge projects.



Lawrence Wheeler, Senior Technician

Greenman-Pedersen, Inc.
Engineering and Construction Services

Vermont Agency of Transportation
Structures Section
One National Life Drive
Montpelier, VT 05633-5001

wheeler@gpinet.com
lawrence.wheeler@partner.vermont.gov

From: Williams, Christopher D
Sent: Thursday, April 14, 2016 1:01 PM
To: Wheeler, Lawrence <Lawrence.Wheeler@partner.vermont.gov>
Cc: Fitch, Jennifer <Jennifer.Fitch@vermont.gov>; Higgins, Kristin <Kristin.Higgins@vermont.gov>
Subject: Weston BR 013-2(13) & Clarendon BRO 1443(48) - utilities

Larry,

As of today, both of these bridges still have utilities to be relocated, I believe both are fair point. Can we get a status and schedule update on these.

Thanks.

Christopher D. Williams
Resident Engineer
VTRANS CONSTRUCTION SECTION
61 Valley View
Rutland, VT 05701

Wheeler, Lawrence

From: Corbett, Shaun
Sent: Friday, April 15, 2016 12:43 PM
To: Wheeler, Lawrence
Subject: FW: Utility Completion & Acceptance Memo

Larry,

Is this a project that you had gone through as you moved the files to the new filing location?

From: White, Rob
Sent: Friday, April 15, 2016 12:13 PM
To: Corbett, Shaun <Shaun.Corbett@vermont.gov>
Subject: FW: Utility Completion & Acceptance Memo

FYI

From: Asselin, Meredith
Sent: Thursday, April 14, 2016 3:47 PM
To: White, Rob <Rob.White@vermont.gov>
Subject: Utility Completion & Acceptance Memo

Good afternoon - I am in search of a Utility Completion & Acceptance Memo:

BHF0202032 Woodstock

This is an older project so there may not be on file but I do not have one in my files. I can send you whatever is needed to get one completed. Thanks!

Mrs. Meredith Asselin, Financial Administrator I
VAOT - Budget & Financial Operations, Accounting
One National Life Drive
Montpelier, Vermont 05633
(802) 828-3486 Telephone
(802) 828-2024 Fax
Meredith.Asselin@vermont.gov