Better Roads
Clean Water You Can Afford

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APR 13 2016
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VTrans
VERMONT
AGENCY OF NATURAL RESOURCES

FY17 Vermont Better Roads Grant Application

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

Town/Organization: Bakersfield Contact Person(s): William Newett

Address: P.O. Box 203 40 East Bakersfield Rd Bakersfield 05441
Street Address Town Zip

Email: vtnewett@comcast.net Phone: (802) 827 - 6133

DUNS #: 031151087 Fiscal Year End Month (MM): 12

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

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APR 18 2016

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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 Bakersfield

Project Name: Site C-173 Lost Nation Road

Road Name: Lost Nation Road TH #: 38 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: unnamed Second order Stream that feeds into Black Creek

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

Erosion in Ditch on both sides of town road; Culvert on East Side of road Completely burried on upper side and plugged with gravel. Culvert when open dumps directly into stream when flowing

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):

Increase size of ditches, Line with stone starting at top working to bottom. Remove culvert and run ditch out into wet land at base of slope. Install check dams. 500' Total project on E. side 300' on wet side of road.

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

Erosion will be eliminated by Stone Lining and check dams, and water will no Longer flow directly into Stream

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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'+

Progress to Date:

None

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: Culvert and erosion inventory 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.):

Alan May, Better Back Roads

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

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

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

_____

_____

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

Town Road Budget

_____

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

Estimated Total Project Cost (including 20% local match):_____

Estimated Completion Date: _____

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: William Newett Title: Road Comm.

Stone Line Ditch
Road way
Ditch To Be Stone lined And stone check Dams
ROW
Remove Culvert
Turnout To Wetlands
Seed Ditch
Stream
Drive way
Existing Culvert
Stream

Cost Estimate Worksheet

Town and Road Name:

Project Name:

Labor	Rate	# Hours	Total (Rate x Hours)
William Newett	21.50	24	516.00
Raymond Dragon	20.00	24	480.00
Mark Allen	20.00	24	480.00
		Labor Total	1476.00

Equipment	Rate	# Hours	Total (Rate x Hours)
Excavator	55.00	24	1320.00
Truck #2	60.00	15	900.00
Truck #3	60.00	15	900.00
		Equipment Total	3120.00

Materials	Rate	Amount	Total (Rate x Amount)
128 yds Stone	$14 per yd	128 yds	1920.00
		Materials Total	1920.00

Miscellaneous	Rate	Amount	Total (Rate x Hours)
		Miscellaneous Total	

Grand Total 6516.00

Match 1303.20

4. Site C-173, Lost Nation Road, TH#38

Erosion Type: Erosion in ditch parallel to road; culvert completely buried on upper side; culvert dumps water directly into stream when it is flowing

Recommended Treatment: Grade road away from stream; increase size of ditch (may require some blasting of ledge); line ditch with stone; install check dams; remove culvert; run ditch out into wetland at base of slope. Alternatively, replace the 12 inch culvert with a larger one if possible and add check dam.

Length/Width: 500 feet

Priority: High

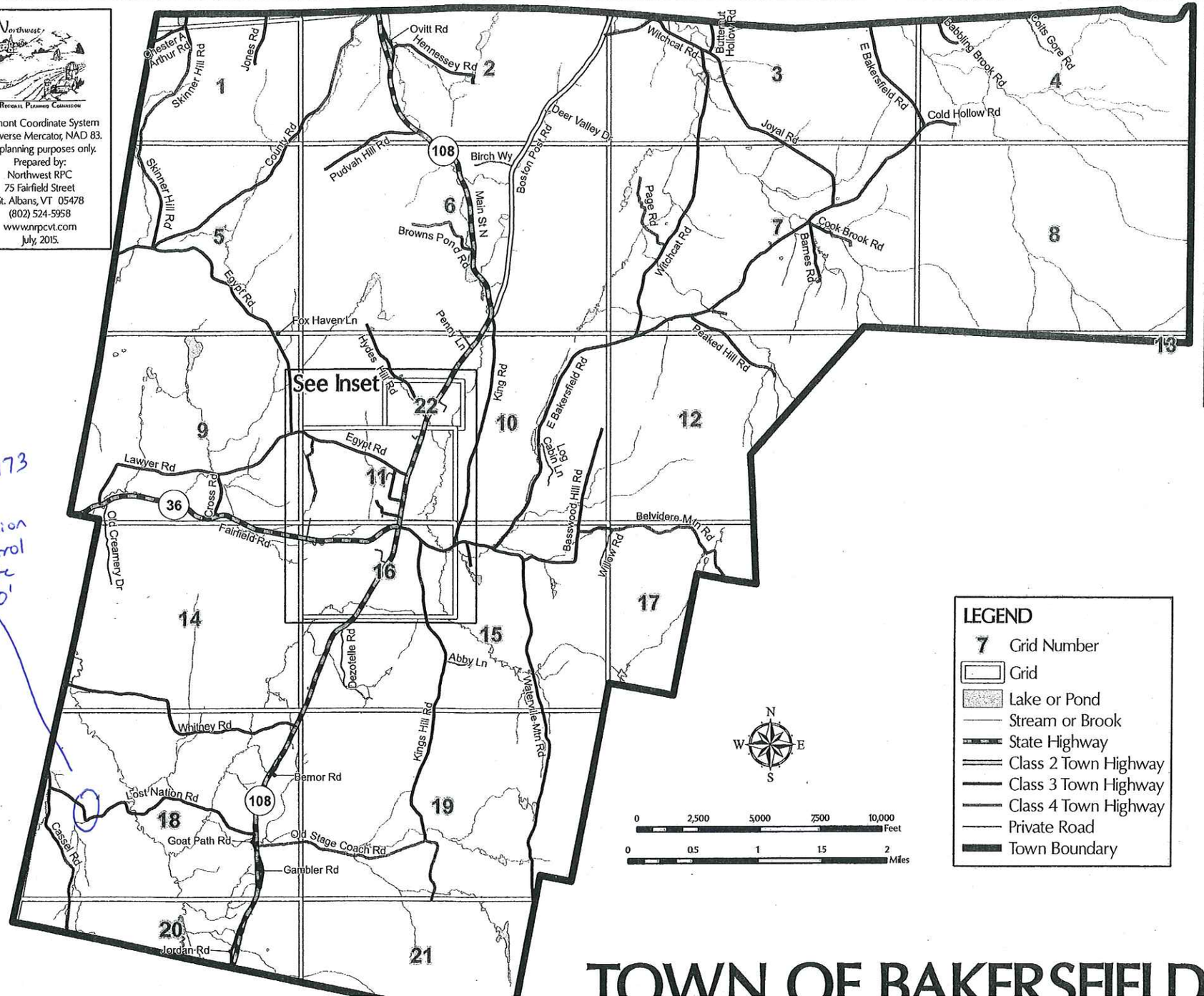
Distance to Nearest Stream: 50 feet

Name of Stream: Unnamed second order stream that feeds into Black Creek

*note: these photos show clogged inlet; ledge on N side of road above ditch; and outlet end of culvert above stream

Northwest Regional Planning Commission

Vermont Coordinate System
Transverse Mercator, NAD 83.
For planning purposes only.
Prepared by:
Northwest RPC
75 Fairfield Street
St. Albans, VT 05478
(802) 524-5958
www.nrpcvt.com
July, 2015.

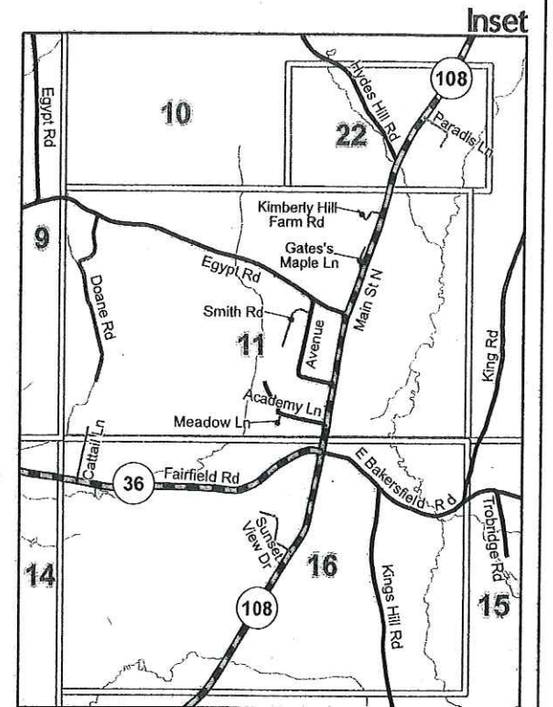


ROAD NAME	GRID
Abby Ln	15
Academy Ln	11
Avenue	11
Babbling Brook Rd	4
Barnes Rd	7
Basswood Hill Rd	10, 15
Belvidere Mtn Rd	15, 17
Bemor Rd	18
Birch Wy	6
Boston Post Rd	2, 3, 6
Browns Pond Rd	6
Butternut Hollow Rd	3
Cassel Rd	18, 20
Cattail Ln	11, 16
Chester A Arthur Rd	1
Coits Gore Rd	4
Cold Hollow Rd	4
Cook Brook Rd	7
County Rd	1, 2, 5
Cross Rd	9
Deer Valley Dr	2
Dezotelle Rd	15
Doane Rd	11
E Bakersfield Rd	3, 4, 7, 10, 12, 15, 16
Egypt Rd	5, 9, 11
Fairfield Rd	9, 14, 16
Fox Haven Ln	5, 9
Gambler Rd	18
Gates's Maple Ln	11
Goat Path Rd	18

ROAD NAME	GRID
Hennessey Rd	2
Hydes Hill Rd	6, 10, 22
Jones Rd	1
Jordan Rd	20
Joyal Rd	3, 7
Kimberly Hill Farm Rd	11
King Rd	6, 10, 15, 16
Kings Hill Rd	15, 16, 19, 21
Lawyer Rd	9
Log Cabin Ln	10
Lost Nation Rd	18
Main St N	2, 6, 10, 11, 16, 22
Meadow Ln	11
Old Creamery Dr	9, 14
Old Stage Coach Rd	18, 19
Ovitt Rd	2
Page Rd	7
Paradis Ln	22
Peaked Hill Rd	7, 12
Penny Ln	6, 10
Pudvah Hill Rd	2, 6
Skinner Hill Rd	1, 5
Smith Rd	11
Sunset View Dr	16
Trobridge Rd	15
VT Route 108 South	15, 16, 18, 19, 20
Waterville Mtn Rd	15, 19, 21
Whitney Rd	14, 18
Willow Rd	15, 17
Witchcat Rd	2, 3, 7, 12

LEGEND

- 7 Grid Number
- Grid
- Lake or Pond
- Stream or Brook
- State Highway
- Class 2 Town Highway
- Class 3 Town Highway
- Class 4 Town Highway
- Private Road
- Town Boundary



TOWN OF BAKERSFIELD

C-173

Erosion Control Site 500'