



# Vermont Better Roads Grant Program



## Cover Sheet

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

Town/Organization: Town of Lowell

Primary Contact Person (Responsible for Signing Grant Agreement): Rebecca DiZazzo

Title: Treasurer/Asst. Clerk

Address: 2170 VT. Rte. 100 Lowell, VT 05847  
Street Address Town Zip

Primary Contact Person Email: treasurer@lowelltown.org Phone: (802) 744 - 6559

SAM unique ID #: MATHGGQ9K38 Fiscal Year End Month (MM): 12

Town Clerk / Admin email: cpion@lowelltown.org

Road Foreman Name: Calvin Allen Road Foreman Email: calvinallen62@gmail.com



# Vermont Better Roads Grant Program



## 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: Lowell

Road Name: Irish hill TH #: 29 Structure # (if applicable): N/A

Road Type:  Paved or Unpaved (select one) Road Class: 1 2  3 4 (select one)

Please provide a thorough description of the erosion/water quality problem (ex. Roadway has steep slope with no ditch which is causing severe roadway erosion, which outlets into the <sup>Missisquoi</sup> ~~Lowell~~ River):

Irish hill Road has a grade of 16% to 11% with no ditches in places. Ireland Brook in at the bottom of the 16% grade and feeds into the Missisquoi river. This project would put stone lined ditches and sheet flow shoulders in place and reduce the sediment in the brook and stop the wash out of black top shoulders

Has the town completed an MRGP compliant road erosion inventory?

- Yes
- No
- In progress

Project Length (linear feet along roadway): 1800 ft.

Number of structures/culverts replaced/repaired: —

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

Provide a VERY detailed map of project location showing start and end point  Included

Provide a sketch of project location showing distances and project detail  Included





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### 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/Plastic Culvert   | <input type="checkbox"/> Concrete Box Culvert   |
| <input type="checkbox"/> Stone Culvert – <b>Take pictures</b>                                      | <input type="checkbox"/> Concrete Bridge  |
| <input checked="" type="checkbox"/> Ditch  | <input type="checkbox"/> Rolled Beam/Plate Girder Bridge  |
| <input type="checkbox"/> Foundation remains, mill ruins, stone walls, other – <b>Take pictures</b> | <input type="checkbox"/> Stone abutments or piers – <b>Take pictures</b>                                      |
| <input type="checkbox"/> Buildings within 300 feet of work - <b>Take pictures</b>                  |   |
| Project Description:   |   |
| <input checked="" type="checkbox"/> New ditches will be established                                | <input checked="" 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 of a river or stream – <b>Take pictures</b> |
| <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 – <b>Take pictures</b>                     | <input type="checkbox"/> Temporary off-road access is required  |
| <input checked="" type="checkbox"/> Tree cutting/clearing – <b>Take pictures</b>                   | <input type="checkbox"/> The roadway will be realigned  |

Please describe the project and how it will create a positive water quality benefit (ex. Reshape 500' of ditch and line with 12 inch minus stone, to prevent sediment from entering the Lamoille River at the bottom of the hill):

*Stone lined ditches will prevent sediment from going into Ireland brook which feed into missisquoi river*

Please list any professionals or partners that assisted with planning this project (ANR River Management Engineer, Army Corps of Engineers, VTrans staff, Basin Planner, RPC staff, etc.):

*VTrans District 9 Staff*

Is the project located in the town "Right of Way?" (select one)  Yes  No  Both

Please be aware, Municipalities are required to have an Agreement for Entry & Liability Release for any impacted properties (prior to the start of construction.)



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## 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% local 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:               | \$ 4,000 .00         |
| =                          |                      |
| <b>Total Project Cost:</b> | <b>\$ 24,000 .00</b> |

### 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: Sep 2024

### 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.**

- Grant application cover sheet
- Grant application form, including chart with RSID and MRGP compliance before and after project 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
  - 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.**
  - Please make sure there are enough photos to get a good idea of the project area**
- 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: [Signature] Title: Road Comm.

**MUST BE TOWN ADMINISTRATOR/MANAGER OR SELECT BOARD CHAIR**



# Vermont Better Roads Grant Program



## Cost Estimate Worksheet

Town and Road Name:

Project Name:

| Labor          | Rate  | # Hours | Total (Rate x Hours) |
|----------------|-------|---------|----------------------|
| Calvin Allen   | 25.00 | 40      | 1,000                |
| Chris Pien     | 23.00 | 40      | 920                  |
| Danny Coosline | 17.80 | 40      | 712                  |
|                |       |         |                      |
|                |       |         |                      |

Labor Total 2,632

| Equipment               | Rate   | # Hours | Total (Rate x Hours) |
|-------------------------|--------|---------|----------------------|
| 130 Exc                 | 130.00 | 40      | 5,200                |
| Truck #1                | 100    | 40      | 4,000                |
| Truck #2                | 70     | 30      | 2,100                |
| Truck #3                | 60     | 30      | 1,800                |
| 315 Exc with Brush head | 160    | 25      | 4,000                |
| 524 loader              | 60.00  | 20      | 1,200                |
| Grader 772              | 100    | 16      | 1,600                |

Equipment Total 19,900

| Materials   | Rate  | Amount | Total (Rate x Amount) |
|-------------|-------|--------|-----------------------|
| Ditch Stone | 14.00 | 100    | 1,400                 |
|             |       |        |                       |
|             |       |        |                       |
|             |       |        |                       |
|             |       |        |                       |

Materials Total 1,400

| Miscellaneous | Rate | Amount | Total (Rate x Amount) |
|---------------|------|--------|-----------------------|
|               |      |        |                       |
|               |      |        |                       |
|               |      |        |                       |

Miscellaneous Total 23,932

Grand Total 29,000

Match 4,000



Find address or place

Truland Brook

Site #1:  
Segments 30312.1,  
30313.1 & 30314.1.

Site #2:  
Segments 30323.1,  
30324.1 & 30325.1

300ft

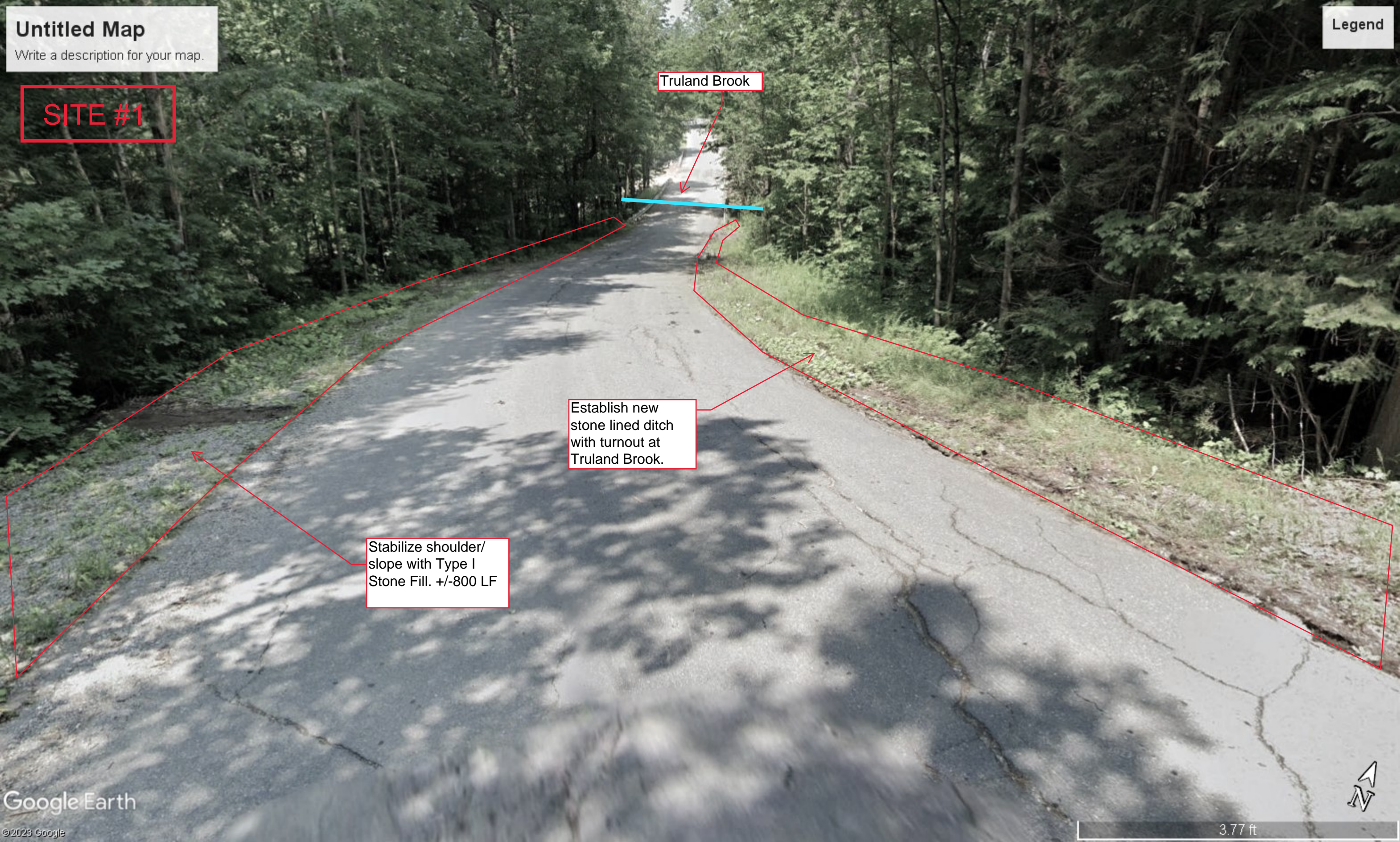
-72.435 44.786 Degrees

SITE #1

Truland Brook

Establish new stone lined ditch with turnout at Truland Brook.

Stabilize shoulder/slope with Type I Stone Fill. +/-800 LF





SITE #1



Stabilize shoulder with Type 1 Stone

Stone lined ditch with turnout at brook

Truland Brook