



FY17 Vermont Better Roads Grant Application

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

Town/Organization: _____ Contact Person(s): _____

Address: _____

Street Address

Town

Zip

Email: _____ Phone: () _____ - _____

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

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 Pomfret

Project Name: River Road Culvert Replacement

Road Name: River Road TH #: 51 Structure # (if applicable): -

Road Type: Unpaved Uncurbed

Please Select

Watershed: Ottauquechee, Black (Connecticut River Drainage Basin)

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

The current 18" x 25' steel culvert (culvert #2) is in fair condition however it is undersized. Multiple times a year, road drainage overflows the 18" culvert and erodes the gravel road.

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 proposed project is to upgrade the culvert to 24" x 30' steel along with stone header to improve hydraulic opening and drainage. The extension of the culvert length is to address the current perched outlet that is 25' from the Ottauquechee River and to install a rock apron at the bottom of the outlet to reduce erosion.

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

Limiting the erosion in the area will reduce the amount of sediment reaching the Ottauquechee River in this area.



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

Progress to Date:

None.

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

Yes. Erosion at the outlet of the existing culvert has destabilized the side slope and without repair the road surface will begin to erode rapidly.

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 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.):

We have contacted Todd Menees ANR River Management Engineer. He has indicated that he will be providing a consultation and a letter of support subsequent to the Better Roads grant application deadline, due to overwhelming demands/requests of assistance from other municipalities. We have also received a letter of support and technical assistance from Rita Seto from the TRORC.

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).

No.



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

See attached cost estimate.

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

Through existing operating funds.

Requested Grant Amount (\$20,000 max Category B, \$40,000 max Categories C & D): \$5,488.00

Estimated Total Project Cost (including 20% local match): \$6,860.00

Estimated Completion Date: Summer 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.

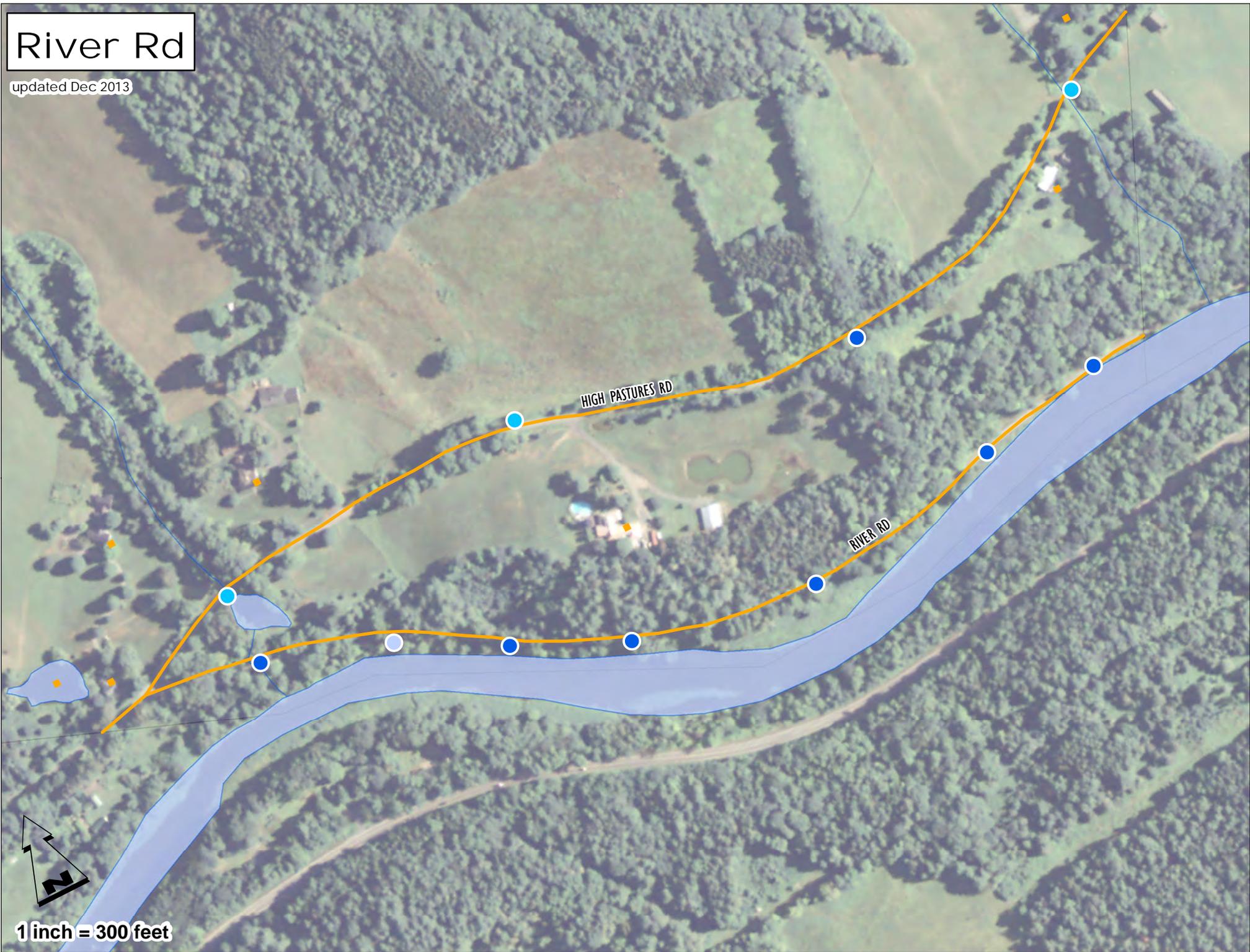
SIGNATURE OF APPLICANT: (Must be Town Administrator/Manager or Select Board Chair)

Name: Michael S. Reese Title: 9/19/2016

MICHAEL S. REESE, CHAIR OF POMFRET SELECTBOARD

River Rd

updated Dec 2013



1 inch = 300 feet

April 11, 2016

Mr. Art Lewin
Town of Pomfret
5218 Pomfret Rd
North Pomfret, VT 05053

Dear Art:

I am pleased to provide a letter of support for the Town of Pomfret's application submission for a Category D Better Back Roads grant for a culvert replacement on River Road. You identified this site as a high priority project for erosion/water quality control with the current undersized culvert issue causing road erosion into the Ottawaquechee River. This will help improve the resiliency of this gravel road and reduce the erosion damage each year.

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

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







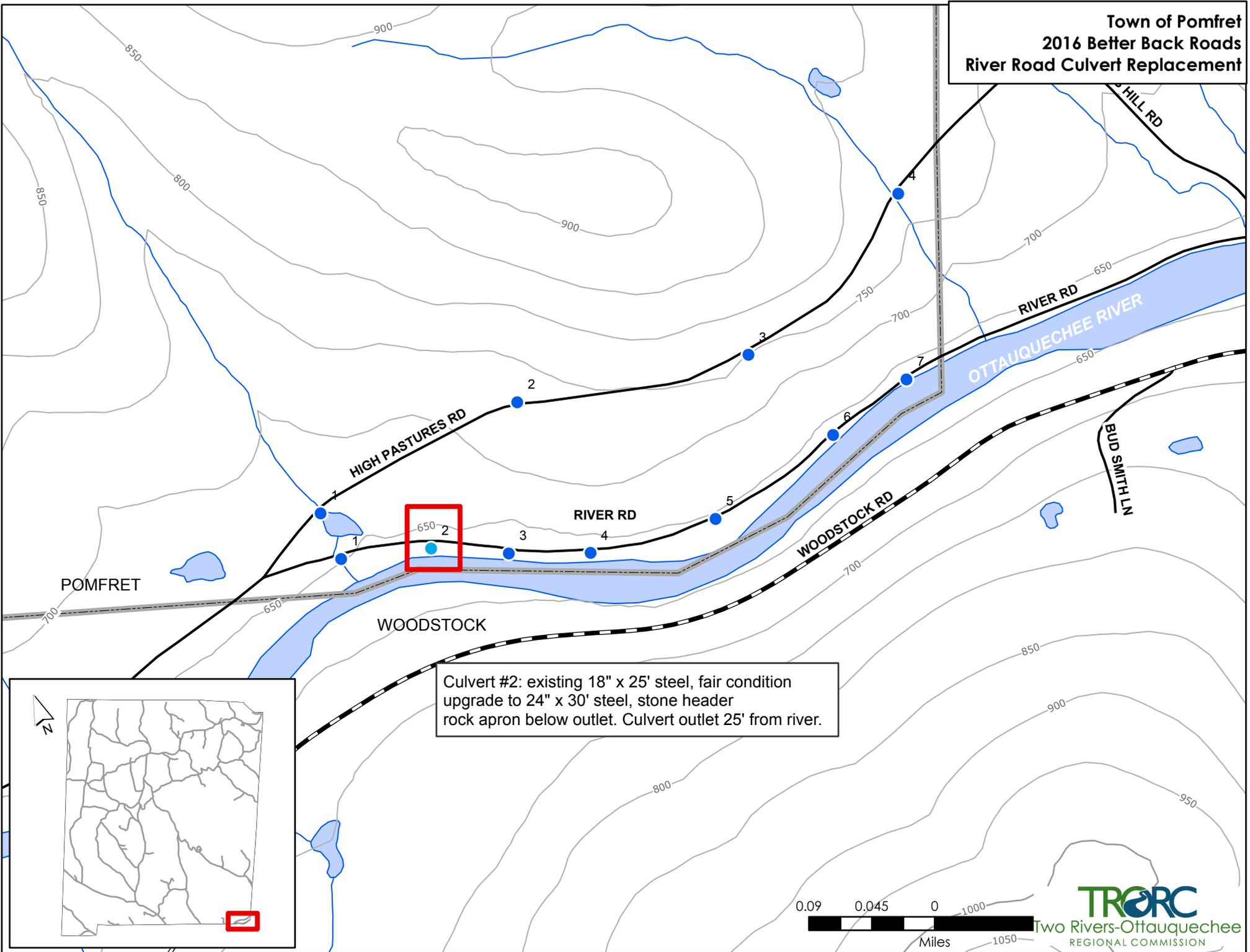




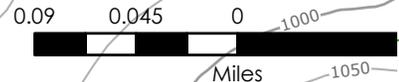
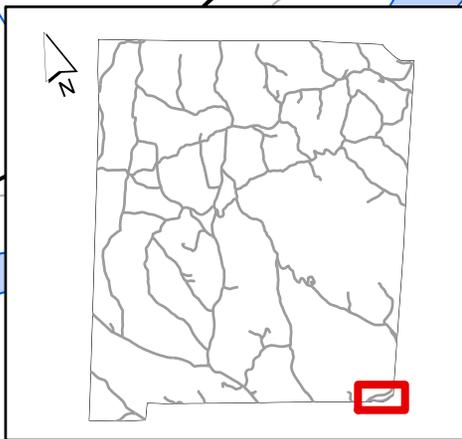




**Town of Pomfret
2016 Better Back Roads
River Road Culvert Replacement**



Culvert #2: existing 18" x 25' steel, fair condition
upgrade to 24" x 30' steel, stone header
rock apron below outlet. Culvert outlet 25' from river.



Cost Estimate Worksheet

Town and Road Name: POMFRET RIVER RD

Project Name: RIVER RD CULVERT

Labor	Rate	# Hours	Total (Rate x Hours)
<u>GENERAL</u>	<u>\$40/hrs</u>	<u>23</u>	<u>\$920</u>
Labor Total			<u>\$920</u>

Equipment	Rate	# Hours	Total (Rate x Hours)
<u>EXCAVATOR</u>	<u>\$140/hr</u>	<u>10</u>	<u>\$1400</u>
<u>ROLLER / COMPACTOR / LOADER</u>	<u>\$100/hr</u>	<u>10</u>	<u>1000</u>
Equipment Total			<u>\$2400</u>

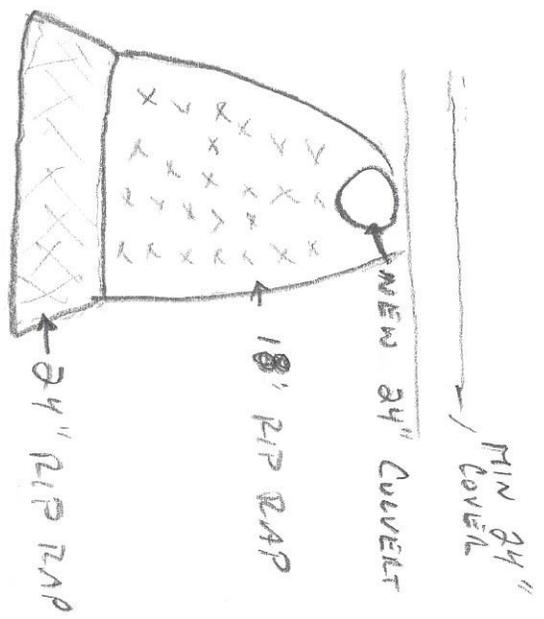
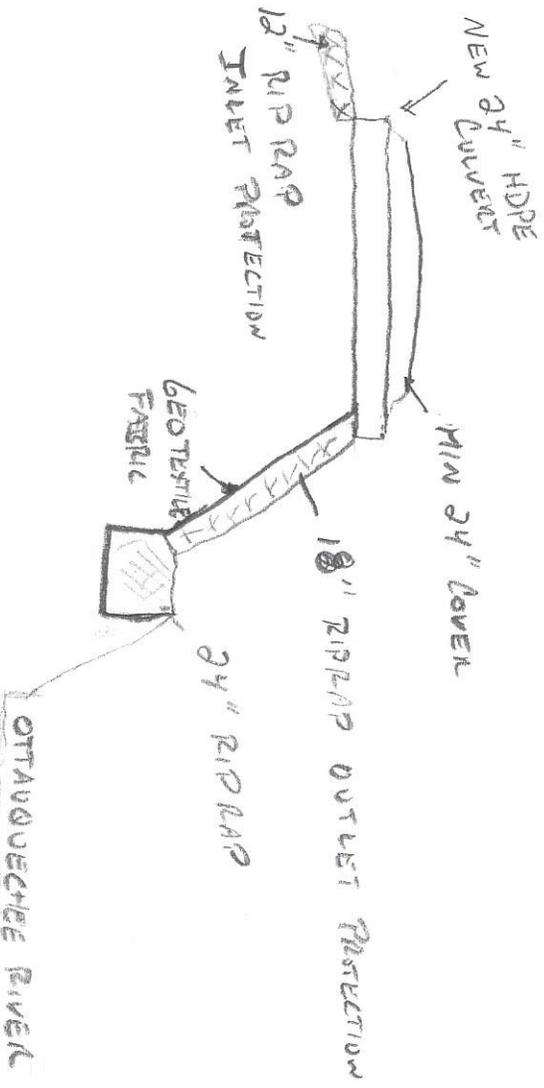
Materials	Rate	Amount	Total (Rate x Amount)
<u>RIP RAP (DELIVERED)</u>	60 YDS <u>\$24/YD</u>	<u>60 YDS</u>	<u>\$1440</u>
<u>GRAVEL (DELIVERED)</u>	<u>\$24/YD</u>	<u>30 YDS</u>	<u>\$720</u>
<u>CULVERT (24")</u>	<u>\$22/FT</u>	<u>40 FT</u>	<u>\$880</u>
Materials Total			<u>\$3040</u>

Miscellaneous	Rate	Amount	Total (Rate x Hours)
<u>HEAD WALL</u>	<u>1</u>	<u>\$500</u>	<u>\$500</u>
Miscellaneous Total			<u>\$500</u>

Grand Total \$6860

Match _____





POMFRET
 RIVER RD