



VERMONT

Vermont Department of Environmental Conservation

Agency of Natural Resources

Watershed Management Division
Barre Regional Office
5 Perry Street, Suite 80
Barre, VT 05641
www.watershedmanagement.vt.gov

[phone] 802-476-0190
[fax] 802-476-0131
[cell] 802-279-1143

AUTHORIZATION TO CONDUCT STREAM ALTERATION ACTIVITIES

Pursuant to Section C.2.2 of the VT Stream Alteration General Permit (Reporting activities not requiring an application)

Project Number: SA-03-102-2015

Applicant Name: Town of Plainfield

Mailing Address: P.O. Box 217 Plainfield, VT 05667

Phone:

Project Location Lower Road TH41 structure over Gunner Brook

Email:

plainfieldtc@gmail.com
rcinco@hughes.net
res@myfairpoint.net

The Secretary of the Vermont Agency of Natural Resources (VT ANR) has determined that:

- 1. This project authorizes the replacement of two 30" culverts with one new 10' x 6' buried reinforced concrete box with 24" of infill material.
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit.
3. The proposed activity will meet the terms and conditions of the General Permit provided:
a) The project will be completed and approved as shown on the plan dated 1-12-15, prepared by Tim Ruggles, P.E., and approved by the Vermont Agency of Natural Resources.
b) The project will not adversely affect the public safety by increasing flood hazards.
c) The project will not significantly damage fish life or wildlife.
d) The project will not significantly damage the rights of riparian owners.
e) The project will not obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction.
f) The project is conducted in a manner which minimizes or avoids any discharge of sediment or other pollutants to surface waters in violation of the VT Water Quality Standards.
g) The ANR River Management Engineer is notified by phone or email when construction begins and when the project is complete.
h) A final construction inspection is required for all culvert and bridge projects.
i) In-stream working dates are from June 1st through October 1st; any in-stream work outside these dates will require an Individual Stream Alteration Permit authorization by the River Management Engineer.
j) This authorization has been posted for three days public comment. This authorization constitutes final approval.
k) Additional Conditions for this project: 1.) Box must be infilled with E2 material 24". 2.) Weekly construction inspections required call Patrick Ross.

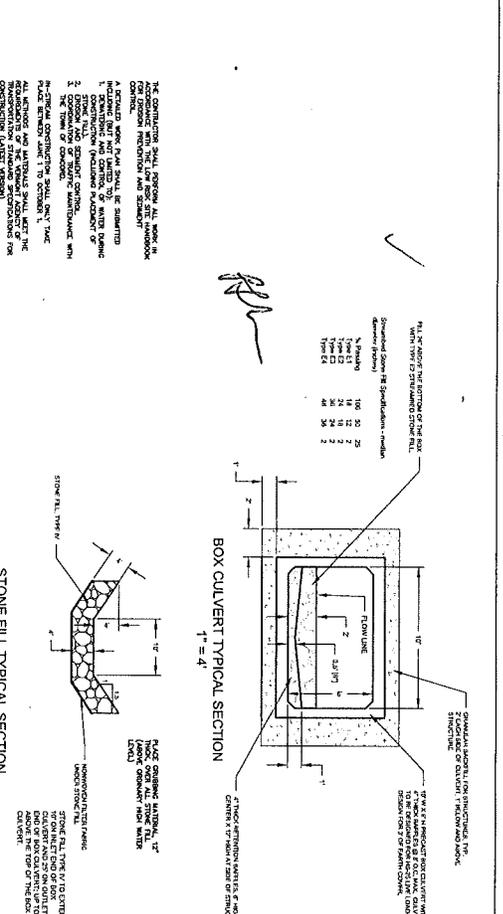
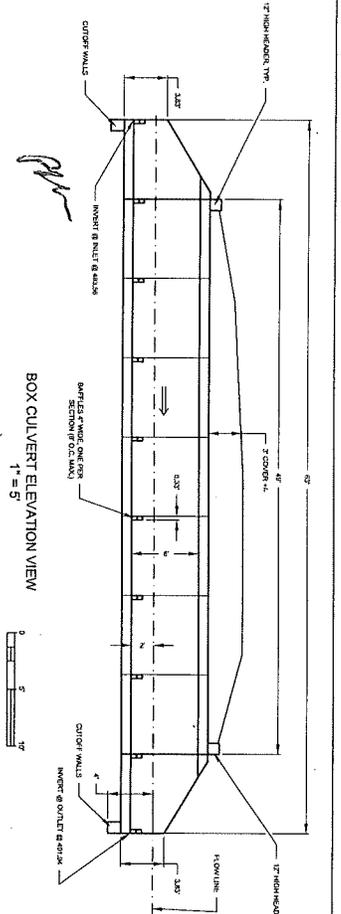
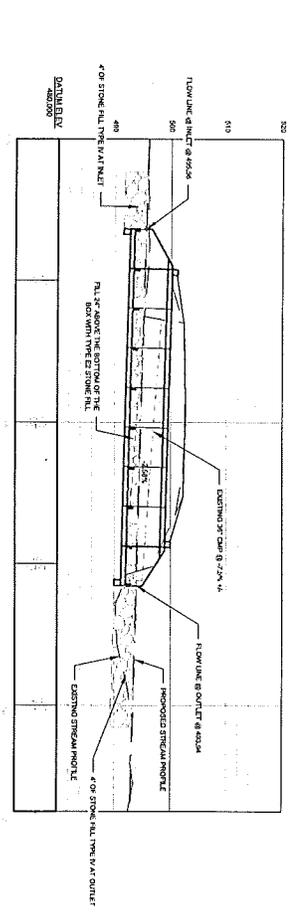
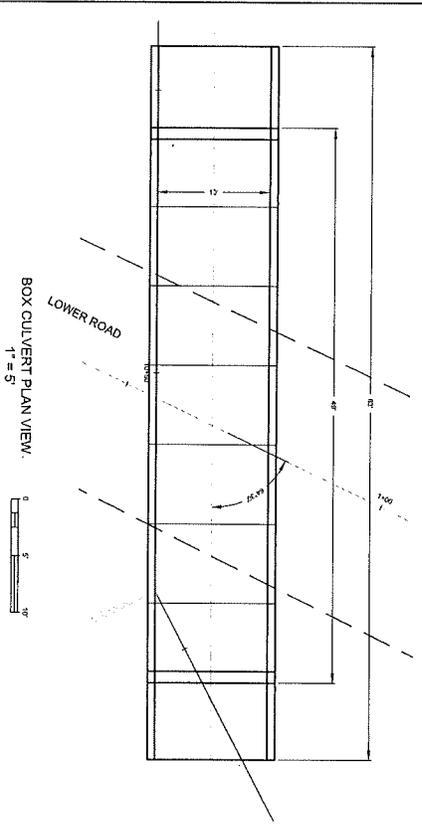
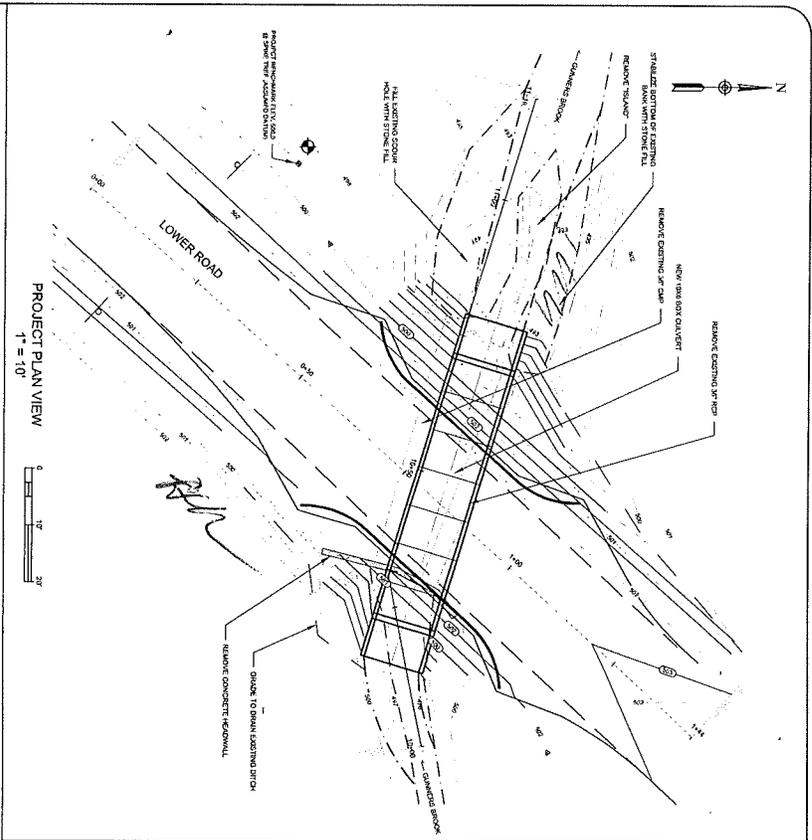
If there are any changes in the project plan or deviation in construction from the plan, the Permittee must notify the River Management Engineer immediately.

If the project is constructed as you have described, as shown on the above referenced approved plans and according to the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

David K. Mears, Commissioner
Department of Environmental Conservation

by: Patrick J. Ross, P.E.
Patrick Ross, P.E., River Management Engineer

dated: 1-21-15

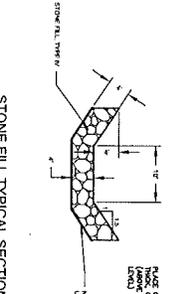


THE CONTRACTOR SHALL REMOVE ALL WORK IN THE EXISTING BOX CULVERT AND SHALL RECONSTRUCT THE BOX CULVERT AND CHANNEL TO THE FOLLOWING SPECIFICATIONS:

1. BOX CULVERT SHALL BE CONSTRUCTED WITH 12" HIGH REINFORCED CONCRETE WALLS AND 12" HIGH REINFORCED CONCRETE SLABS.
2. BOX CULVERT SHALL BE CONSTRUCTED WITH 12" HIGH REINFORCED CONCRETE WALLS AND 12" HIGH REINFORCED CONCRETE SLABS.
3. BOX CULVERT SHALL BE CONSTRUCTED WITH 12" HIGH REINFORCED CONCRETE WALLS AND 12" HIGH REINFORCED CONCRETE SLABS.

PERMITS REQUIRED FOR THE BOX CULVERT PROJECT

Permit	Number	Date
Water	100	10/12/12
Highway	101	10/12/12
Other	102	10/12/12
...



PLAINFIELD - LOWER RD.
 [10' x 6' Box buried 2' 7" filled with E2 material.]

No.	Date	Description

PREPARED FOR: **R.C. CONTRACTING, INC.**
 GLOVER, VT
PLAINFIELD BOX CULVERT PROJECT
LOWER ROAD OVER GUNNERS BROOK

RUGGLES ENGINEERING SERVICES, INC.
 4500 INDUSTRIAL DRIVE, ST. JOHNSBURY, VT 05677
 Civil Engineering - Site Development
 Septic System Design - Soils Analysis
 802-748-8898
 JOB No. 15001