



VERMONT

Vermont Department of Environmental Conservation

Watershed Management Division

Barre Regional Office

5 Perry Street, Suite 80

Barre, VT 05641

www.watershedmanagement.vt.gov

Agency of Natural Resources

[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- 113 -2015

Applicant Name: TOWN OF HOLLAND

Mailing Address: 120 SCHOOL RD. HOLLAND VT 05830 Phone: -

Project Location HOLLAND POND ROAD BR2φ Email: b.wiesen@myfairpoint.net

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

1. This project authorizes the replacement of a flood damaged 6'φ culvert with a new 18'-φ" open bottom arch.
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 3/14/13, prepared by VIRANS OPERATIONS DIST. 9, 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 1<sup>st</sup> through October 1<sup>st</sup>; 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.) E&SC Plan is required. 2.) A bypass plan is required. P&H

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

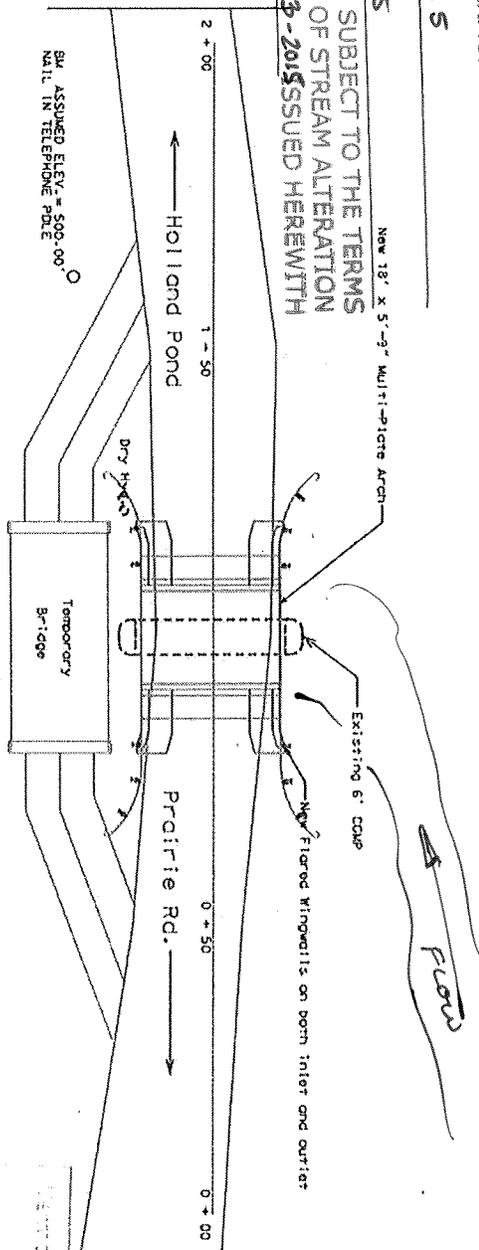
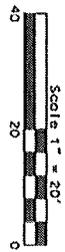
by: Patrick J. Ross, P.E. dated: 4-7-2015  
Patrick Ross, P.E., River Management Engineer

# APPROVAL

WATERSHED MANAGEMENT DIVISION

DATE 4-7-15

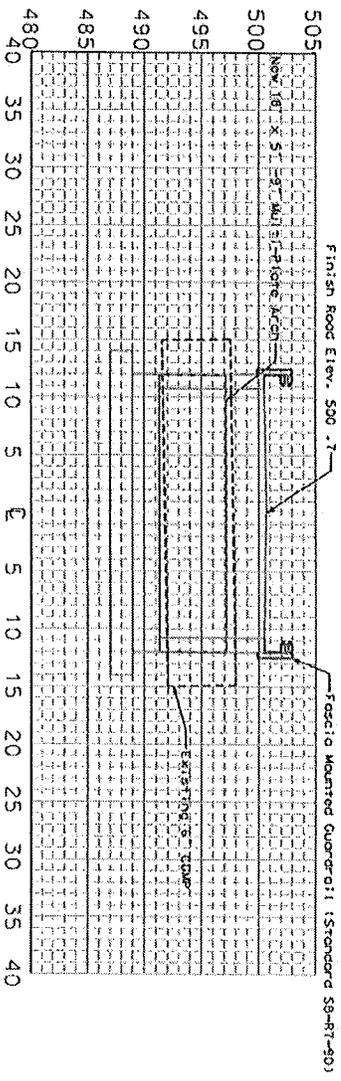
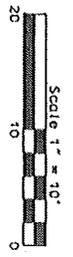
BY P.J. Ross  
 THIS APPROVAL IS SUBJECT TO THE TERMS  
 AND CONDITIONS OF STREAM ALTERATION  
 PERMIT # SA-3-113-2015 ISSUED HERewith



PLAN VIEW

NOTE: New Multi-Picre Arch shall be constructed with new  
 inlet and outlet headwall and Fibreged Kingpills.  
 Headwall on both outlet and inlet will be built in  
 accordance with Vermont Standard D-33  
 as well as Vermont Agency of Transportation  
 hydraulics study.

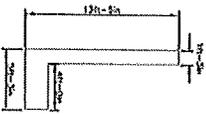
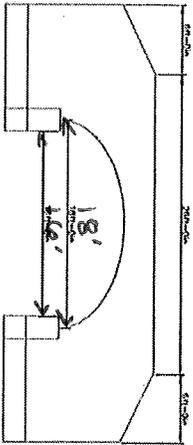
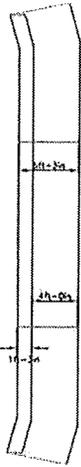
DATE: MAR 14 2015  
 OPERATIONS DIVISION



Profile Along C Culvert

Project Name: Holland Pond Rd. BR. 20  
 Project Number: A/CN TH 20 BR. 20  
 Project Leader: S. Keyser  
 Drawn By: D. Rhodes  
 Checked By: S. Keyser  
 Designed By: D. Rhodes  
 SHEET 1 OF 5

Inlet and Outlet Headwall and Wingwall



Note: New Multi-Plate-Arch shall be constructed with new Inlet and Outlet Headwall and Flared Wingwalls. Headwalls on both outlet and inlet will be built in accordance with Vermont Standards D-33 as well as Vermont Agency of Transportation Hydrolics study. Flared wingwalls are drawn to a 45 degree angle but can be changed to match into existing slopes if necessary.

Vermont Agency of Transportation  
 0014113  
 Operations Division

Project Name: Holland Pond Rd. Br. 20  
 Project Number: Arch TN 20 Br. 20  
 Project Leader: S. Keyser  
 Drawn By: D. Rhodes  
 Checked By: S. Keyser  
 Designer: S. Keyser