

Vermont Department of Environmental Conservation
Watershed Management Division
Essex Regional Office
111 West Street
Essex Junction, VT 05452
www.watershedmanagement.vt.gov

Agency of Natural Resources

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[fax] 802-879-3871
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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-194**

Applicant Name: City of South Burlington

Mailing Address: 575 Dorset Street, South Burlington, VT 05403

Phone: 802-827-3261

Project Location: Moss Glen Lane (44.4365, 73.1627)

Email: tdipietro@sburl.com

Oak Creek Village, unnamed tributary to Potash Brook

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

1. This authorizes the replacement of two existing stream crossings structures. Each existing stream crossing structure consists of three 28"x42" elliptical corrugated metal pipe arches. The existing stream crossing structures are to be replaced with single cell precast concrete box culverts with hydraulic openings measuring 16' wide x 3.5' tall (Oak Creek Village Culvert #1) and 16' wide x 4.5' tall (Oak Creek Village Culvert #2).
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 as shown on the plan stamped "Draft" plot date 12/20/2016, titled "Oak Creek Village Culverts" sheet 7 and 8 of 11, prepared by Stantec and stamped "Approval Watershed Management Division".
 - 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) In-stream working dates for this project 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.
 - i) This authorization has been posted for three days public comment. This authorization constitutes final approval.

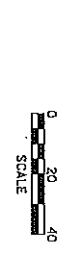
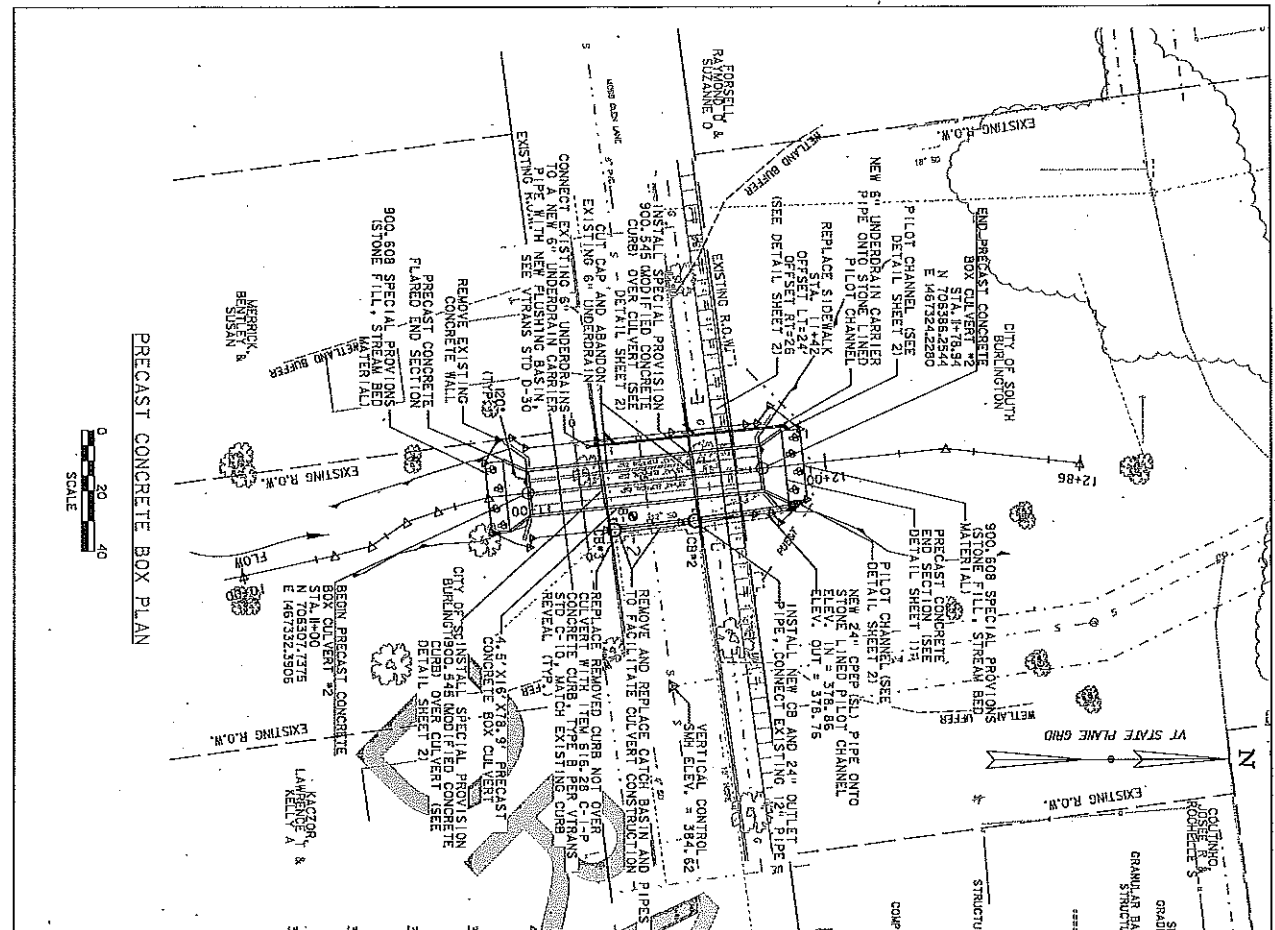
If there are any changes in the project plan or deviation in construction from the plan, the Permittee must notify the River Management Engineer immediately.

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.

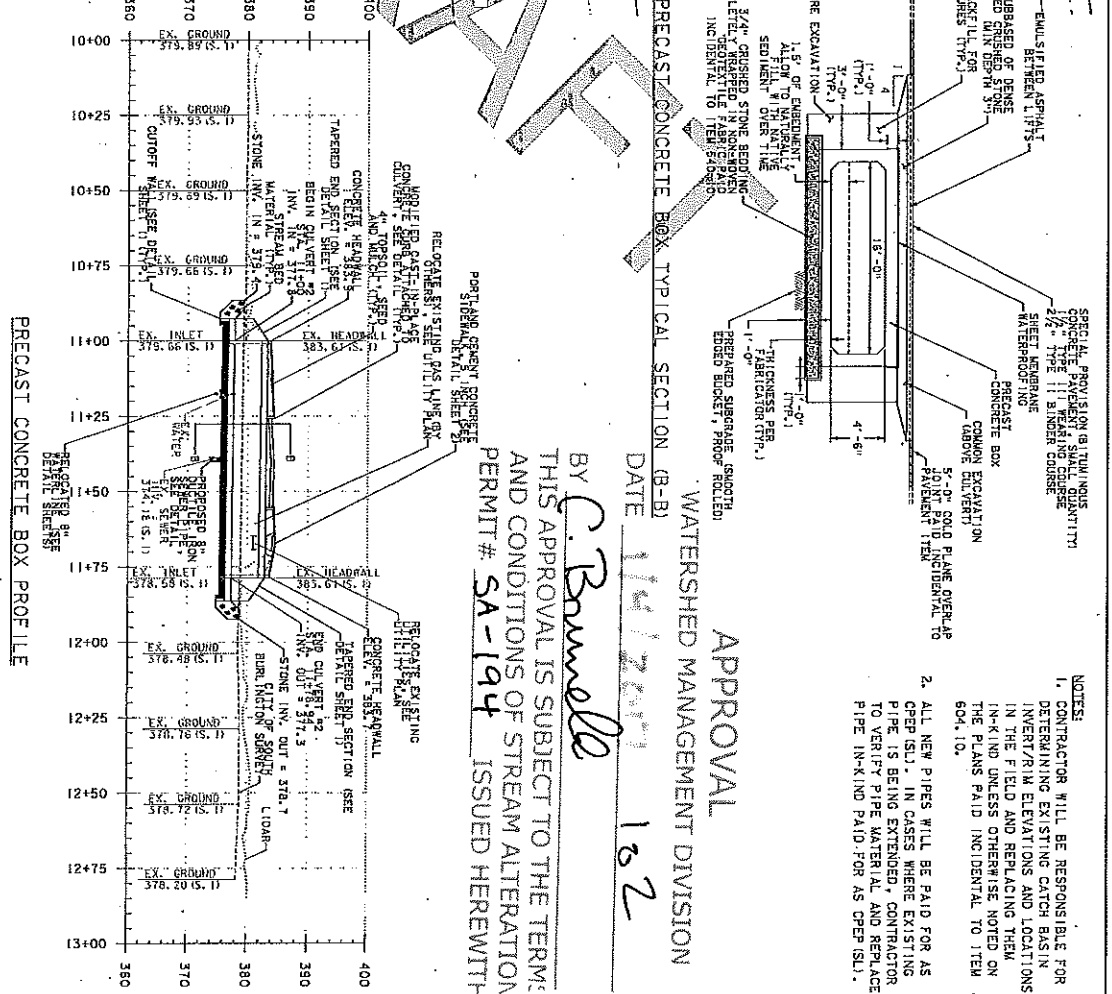
Signed this 4th day of January, 2017
Alyssa B. Schuren, Commissioner
Department of Environmental Conservation

This permit expires October 1, 2017.
c: Christopher.gendron@stantec.com

by: Christopher Brunelle
Chris Brunelle, River Management Engineer



PRECAST CONCRETE BOX PLAN

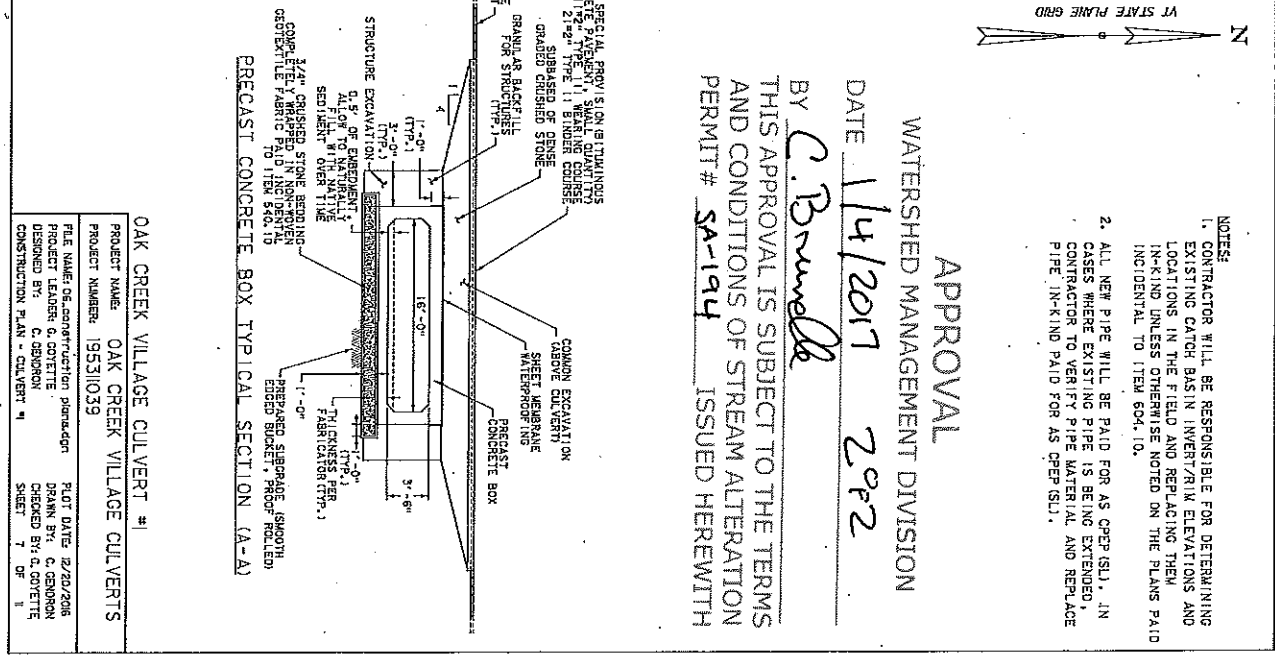
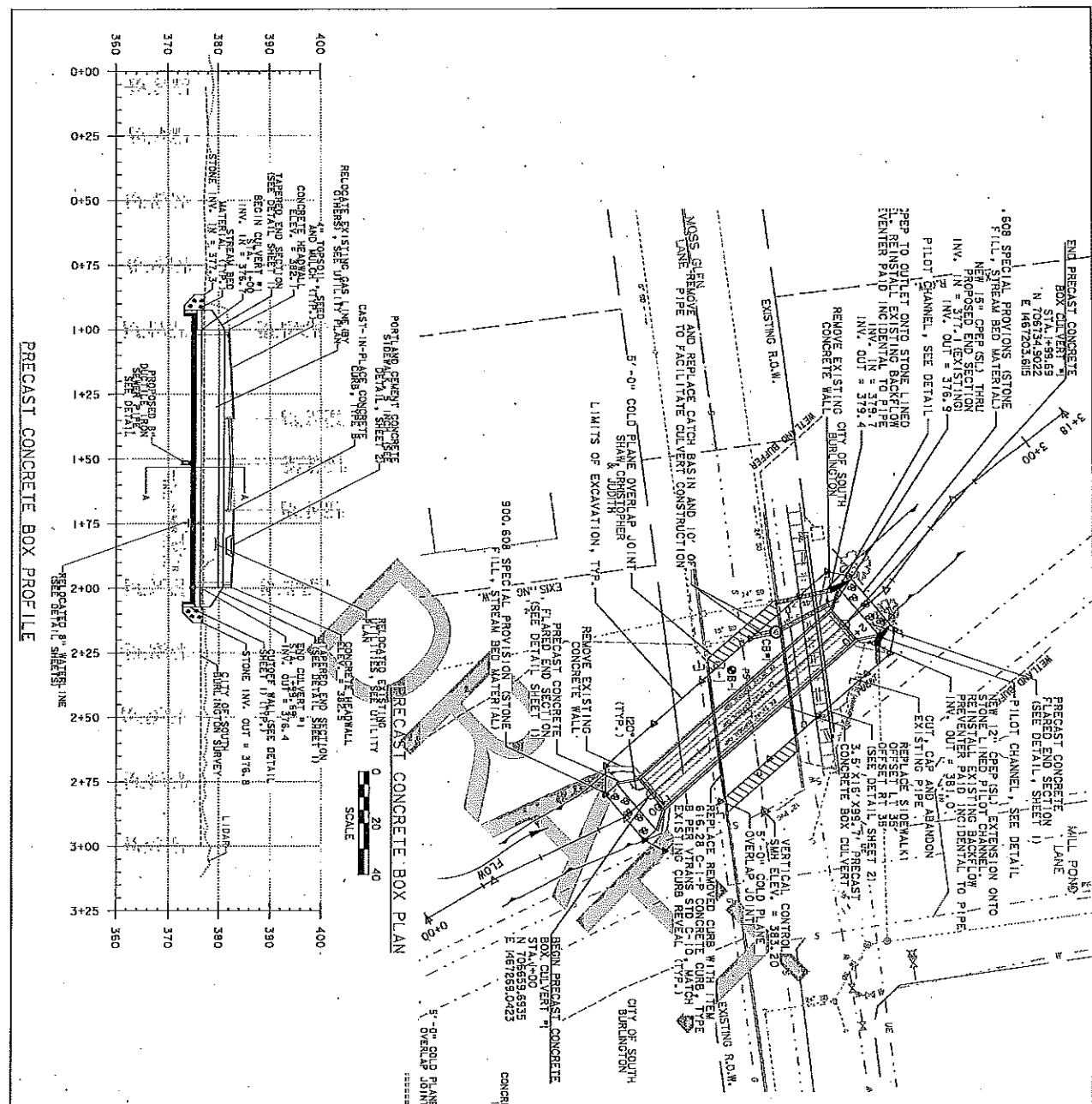


PRECAST CONCRETE BOX PROFILE

OAK CREEK VILLAGE CULVERT #2
 OAK CREEK VILLAGE CULVERTS
 PROJECT NUMBER: 19531039
 FILE NAME: OC-Construction plan-4d.m
 PROJECT LEADER: C. COVETTE
 DESIGNED BY: C. SORNDON
 CONSTRUCTION PLAN - CULVERT #2
 PLOT DATE: 12/20/2006
 DRAWN BY: C. SORNDON
 CHECKED BY: C. COVETTE
 SHEET: 8 OF 11

APPROVAL
 WATERSHED MANAGEMENT DIVISION
 DATE 1/4/2007 102
 BY C. Brunelle
 THIS APPROVAL IS SUBJECT TO THE TERMS AND CONDITIONS OF STREAM ALTERATION PERMIT # SA-194 ISSUED HERewith

- NOTES:
- CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXISTING CATCH BASIN INVERTS/IN ELEVATIONS AND LOCATIONS IN THE FIELD AND REPLACING THEM IN-4" UNLESS OTHERWISE NOTED ON THE PLANS PAID INCIDENTAL TO ITEM 604.10.
 - ALL NEW PIPES WILL BE PAID FOR AS CPEP ISU. IN CASES WHERE EXISTING PIPE IS BEING EXTENDED, CONTRACTOR TO VERIFY PIPE MATERIAL AND REPLACE PIPE IN-4" UNLESS PAID FOR AS CPEP ISU.



OAK CREEK VILLAGE CULVERT #1

PROJECT NAME: OAK CREEK VILLAGE CULVERTS
 PROJECT NUMBER: 195310039
 FILE NAME: 05-construction_planning
 PROJECT LEADER: C. COVETTE
 DESIGNED BY: C. GORDON
 CONSTRUCTION PLAN - CULVERT #1

PLUT DATE: 12/20/2016
 DRAWN BY: C. GORDON
 CHECKED BY: C. COVETTE
 SHEET 7 OF 8

APPROVAL

WATERSHED MANAGEMENT DIVISION

DATE 1/4/2017 2012

BY *C. Brundell*

THIS APPROVAL IS SUBJECT TO THE TERMS AND CONDITIONS OF STREAM ALTERATION PERMIT # SA-194 ISSUED HEREWITH

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