



VERMONT

Vermont Department of Environmental Conservation

Agency of Natural Resources

Watershed Management Division
St. Johnsbury Regional Office
1229 Portland Street, Suite 201
St. Johnsbury, VT 05819
www.watershedmanagement.vt.gov

[fax] 802-748-6687
[cell] 802-279-1143

AUTHORIZATION TO CONDUCT NEXT FLOOD MEASURES

Pursuant to Section F of the Vermont Stream Alteration General Permit

Project Number: NFM - 09 - 101 - 2016

Applicant Name: Pat Moyna Phone: (802) 297-5800

Mailing Address: 5 Village Lodge Rd, Stratton Mtn, VT

Project Location: 147 Quarter Mile Rd, Stratton Mtn, VT

Email: PMoyna@intrawest.com

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

- 1. This project authorizes the replacement of a failed culvert, that has compromised the safety of the road, with a new Aluminum Box Culvert.
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit - Next Flood Measures.
3. The proposed activity will meet the terms and conditions of Section F of the General Permit provided:
a) The project will be completed and approved as shown on the plan dated 3/25/2016, prepared by Contech Engineered Solutions, and approved by the Vermont Agency of Natural Resources.
b) The project is proportional to the threat and conditioned to cease when the threat to life or to improved property has ended.
c) The project will not result in a threat to life, public health or safety.
d) The project will meet the standards detailed in subsection E.2.1 and E.2.2 of the General Permit.
e) The project will meet Stream Alteration Standards to the greatest extent possible.
f) A pre-construction meeting is held between the contractor, owner/applicant, and the ANR River Management Engineer.
g) The 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 any culvert and bridge related work.
i) Additional conditions:

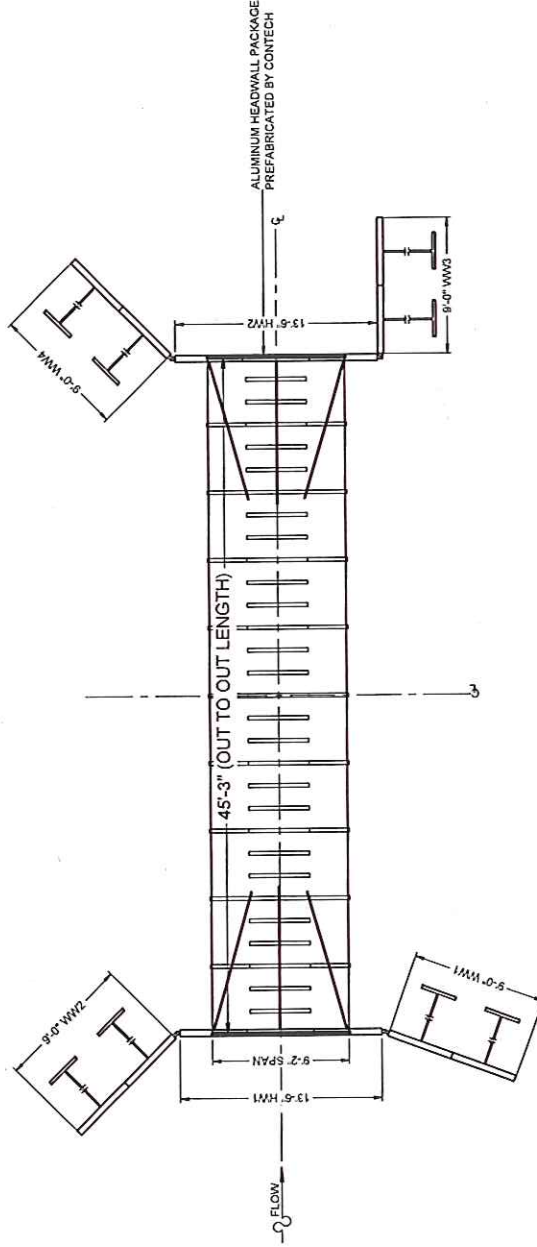
If there are any changes in the project plan or deviation in construction from the plan, the Permittee must notify the River Management Engineer immediately.

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.

Alyssa B. Schuren, ANR DEC Commissioner

Scott Jensen, P.E., River Management Engineer

Dated: 5/24/2016



BRIDGE PLAN

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT NO.	208237	DATE	3/25/2016
DESIGNED BY	DYOB	DRAWN BY	DYOB
CHECKED BY	DYOB	APPROVED BY	DYOB
SHEET NO.	1	OF	6

Stratton failed 49" x 33" Culvert
Aluminum Box Culvert
9'-2" Span x 3'-3" Rise (Structure Number 2)
Stratton, Vermont

CONTECH
STRUCTURAL PLATE

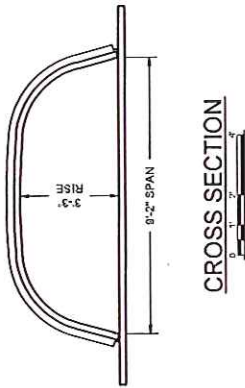
DYOB
DRAWING

CONTECH
ENGINEERED SOLUTIONS LLC

www.conteches.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45389
900-338-1122 513-645-7000 513-645-7993 FAX

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CROSS SECTION

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT No.	DATE
208207	3/25/2018
DESIGNED	DRAWN
DYOB	DYOB
CHECKED	APPROVED
DYOB	DYOB
SHEET NO.	OF
2	6

Stratton failed 49" x 33" Culvert
Aluminum Box Culvert
9'-2" Span x 3'-3" Rise (Structure Number 2)
Stratton, Vermont

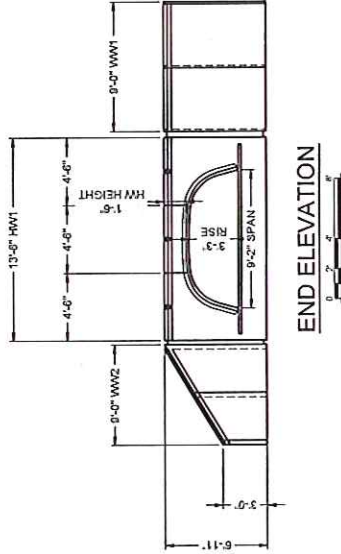
CONTECH
STRUCTURAL PLATE

DYOB
DRAWING

CONTECH
ENGINEERED SOLUTIONS LLC

www.CONTECHES.com
6025 Centre Pointe Dr., Suite 400, West Chester, OH 45386
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END ELEVATION

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT No.	LOCAL No.	DATE
208207		3/25/2016
DESIGNED	DRAWN	DYOB
CHECKED	APPROVED	DYOB
		DYOB
SHEET NO.		3 OF 6

Stratton failed 49" x 33" Culvert
Aluminum Box Culvert
9'-2" Span x 3'-3" Rise (Structure Number 2)
Stratton, Vermont

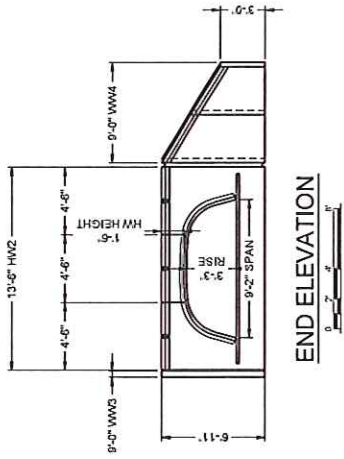
CONTECH
STRUCTURAL PLATE

DYOB
DRAWING

CONTECH
ENGINEERED SOLUTIONS LLC

www.contechllc.com
8225 Centre Pointe Dr., Suite 400, West Chester, OH 45380
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END ELEVATION

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT No. 208907	SHEET No. 4	DATE 3/22/2016
DESIGNED BY DYOB	DRAWN BY DYOB	APPROVED BY DYOB
CHECKED BY DYOB	DATE 4	OF 6
SHEET NO.		

Stratton failed 49" x 33" Culvert
Aluminum Box Culvert
9'-2" Span x 3'-3" Rise (Structure Number 2)
Stratton, Vermont

CONTECH
STRUCTURAL PLATE

DYOB
DRAWING

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ENGINEERED SOLUTIONS LLC

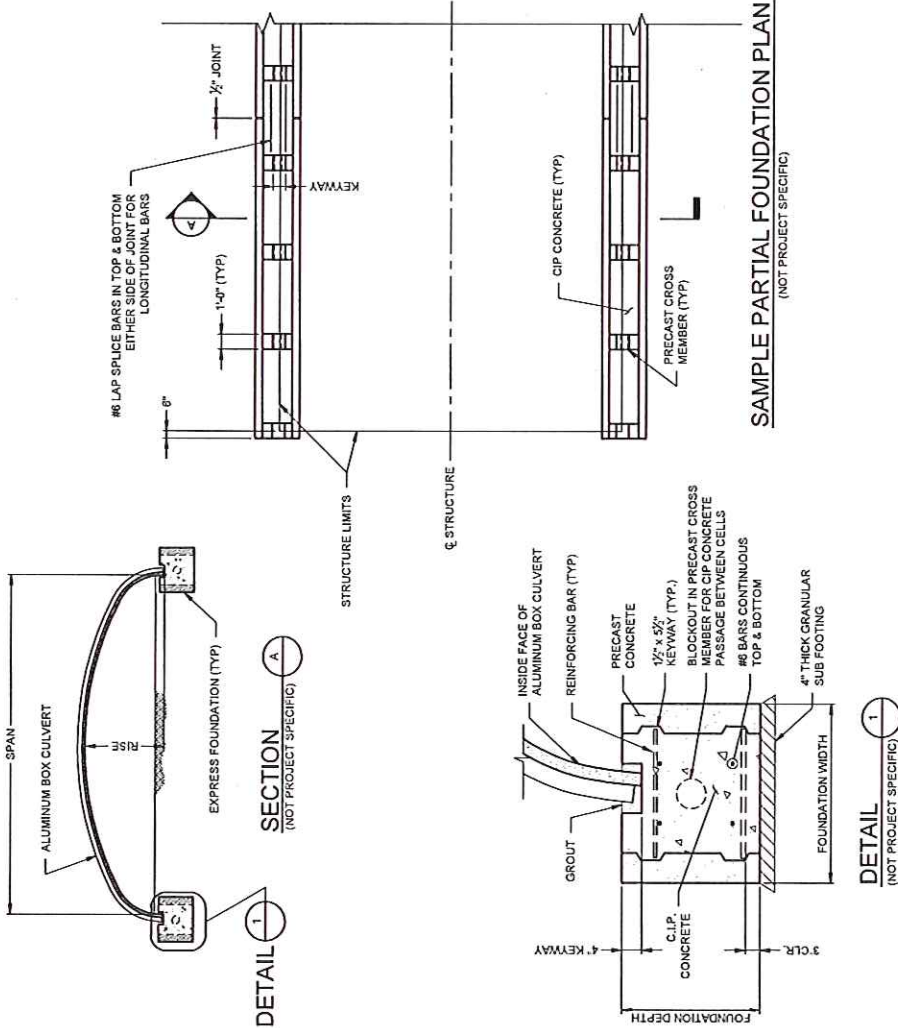
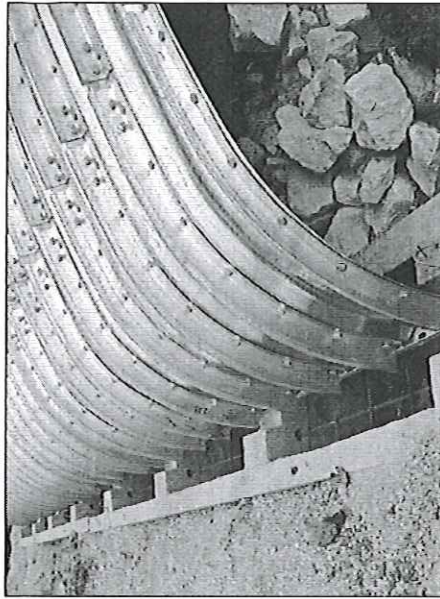
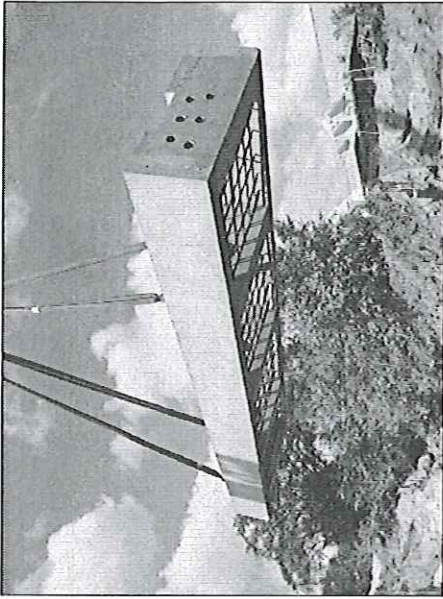
www.conteches.com
9005 Centre Pointe Dr., Suite 400, West Chester, OH 45390
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SAMPLE DRAWING ONLY

EXPRESS FOUNDATIONS



PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT NO.	208597	DATE:	3/25/2016
DESIGNED BY	DYOB	DRAWN BY	DYOB
CHECKED BY	DYOB	APPROVED BY	DYOB
SHEET NO.	6	OF	6

Stratton failed 49" x 33" Culvert
Aluminum Box Culvert
9'-2" Span x 3'-3" Rise (Structure Number 2)
Stratton, Vermont

CONTECH
STRUCTURAL PLATE

DYOB
DRAWING

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