EROSION PREVENTION AND SEDIMENT CONTROL PLAN
FOR
THE PITTSFIELD ER BRF 022-1 (23
VERMONT 100 (MINOR ARTERIAL)
BRIDGE #124

Town of Pittsfield, Vermont
County of Rutland, Vermont

January 28th, 2013

Prepared By:
Cold River Bridges, LLC
P.O. Box 1076
Walpole, New Hampshire 03608

Reviewed By:
Savoy Engineering
Box 115
Westminster, VT 05158

1-EROSION CONTROL NARRATIVE:

This project consists of the replacement of Bridge # 124 on Vermont 100 located 3.5 miles south of the Junction of VT 107 and VT 100. The original bridge was damaged during Hurricane Irene. The bridge has been removed and a temporary bridge and approaches have been installed downstream from the original structure.

The new bridge is a pre-cast pre-stressed Next D beams supported on Pre-cast integral abutments on piles with an 80' span. The temporary bridge and its approaches will be removed as part of this contract.

The Pittsfield ER BRF 022-1 (23) Project falls under a category II activity under the Vermont general permit.

No changes have been made to the Erosion and Sediment control plan as shown in the contract documents. These plan sheets will be utilized as Cold River Bridges, LLC Erosion and Sediment Control Plan. Minor dewatering may be necessary depending on water levels at the time of construction. If dewatering is needed a silt bag detail has been included with a plan showing approximate locations of dewatering activities.

Special Winter Construction Conditions: The Pittsfield ER BRF 022-1(23) has a completion date of September 19th. This project should have substantial time to establish vegetation by winter construction season. This project will not extend into winter construction season. No special winter conditions should be required.

PITTSFIELD ER BRF 022-1 (23) ESCP PLAN

Project Location Map

1.5-Project Phasing and Schedule

Task Name	Duration	Start	Finish
MOBILIZATION	15 days	Tue 4/15/14	Mon 5/5/14
STRUCT EXC. ABUT A/REMOVAL	5 days	Tue 5/6/14	Mon 5/12/14
STRUCT EXC ABUT B/REMOVAL	5 days	Tue 5/13/14	Mon 5/19/14
PILE DRIVING ABUT A	5 days	Tue 5/13/14	Mon 5/19/14
PILE DRIVING ABUT B	3 days	Tue 5/20/14	Thu 5/22/14
SET PRE-CAST ABUT A	3 days	Tue 5/20/14	Thu 5/22/14
SET PRE CAST ABUT B	3 days	Fri 5/23/14	Tue 5/27/14
BACK FILL ABUT A/B	10 days	Fri 5/23/14	Thu 6/5/14
ROAD WORK	12 days	Fri 6/6/14	Mon 6/23/14
STONE FILL ABUT A/B	10 days	Fri 6/13/14	Thu 6/26/14
NEXT T BEAMS	3 days	Mon 6/30/14	Wed 7/2/14
FORM BACK WALLS/FORM CLOSURE POUR	8 days	Thu 7/3/14	Mon 7/14/14
GRADE FOR APPROACH SLABS	2 days	Tue 7/15/14	Wed 7/16/14
SET APPROACH SLAB A	1 day	Thu 7/17/14	Thu 7/17/14
SET APPROACH SLAB B	1 day	Fri 7/18/14	Fri 7/18/14
CLOSURE POUR	1 day	Mon 7/21/14	Mon 7/21/14
BACK FILL/FINE GRADE	5 days	Tue 7/22/14	Mon 7/28/14
MEMBRANE	1 day	Tue 7/29/14	Tue 7/29/14
BASE/BRIDGE PAVEMENT	1 day	Wed 7/30/14	Wed 7/30/14
GUARDRAIL	1 day	Thu 7/31/14	Thu 7/31/14
REMOVE TEMP BRIDGE	8 days	Fri 8/1/14	Tue 8/12/14
REMOVE APPROACHES	12 days	Wed 8/13/14	Thu 8/28/14
TOP-SOIL AND SEED	5 days	Fri 8/29/14	Thu 9/4/14
FINAL PAVEMENT	1 day	Fri 9/5/14	Fri 9/5/14
PLUG JOINTS	1 day	Mon 9/8/14	Mon 9/8/14
STRIPE	1 day	Tue 9/9/14	Tue 9/9/14

1.5.2-Off Site Activities

The project field office will be located at the Clear River Inn. This will not require any submittals. We are currently still working on a waste area locations and full submittals will be forwarded when complete.

1.5.3-Updates

If necessary any field changes or updates to The EPSC plan will be submitted to the Resident Engineer in the form of an updated narrative including sketches as needed.

1.6. On-site plan coordinator/weekly inspections

Chad Contaldi is a project manager for Cold River Bridges, LLC and will be the plan coordinator and will be responsible for completing an inspection of all construction activities at least once every 7 days and with 24 hours of a significant storm event causing storm water to leave the site. A copy of the VTRANS Contractors Check List and ESCP Plan inspection report are included as part of the plan.

On site Superintendent for Cold River Bridges, LLC will be Josh Martin. Josh has worked as a bridge supervisor for the past 10 years and has full authority to stop construction and ensure that the project is completed following the requirements of the Erosion and Sediment Control Plan.

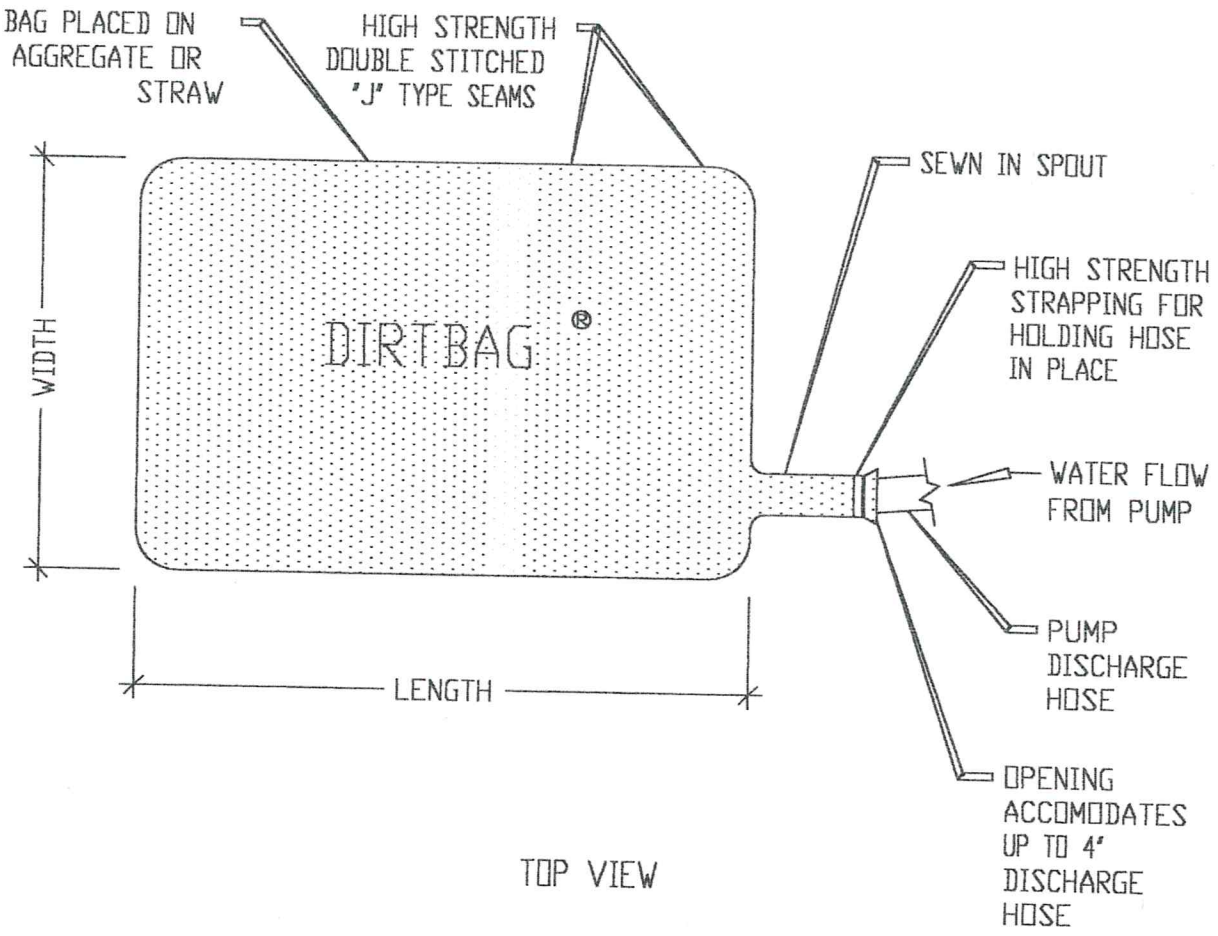
1.6.1 Emergency Contact Numbers

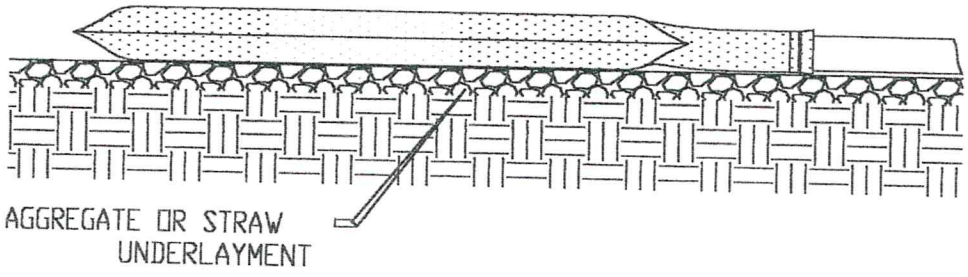
Chad Contaldi- 802-355-1898
Josh Martin- 603-443-0812

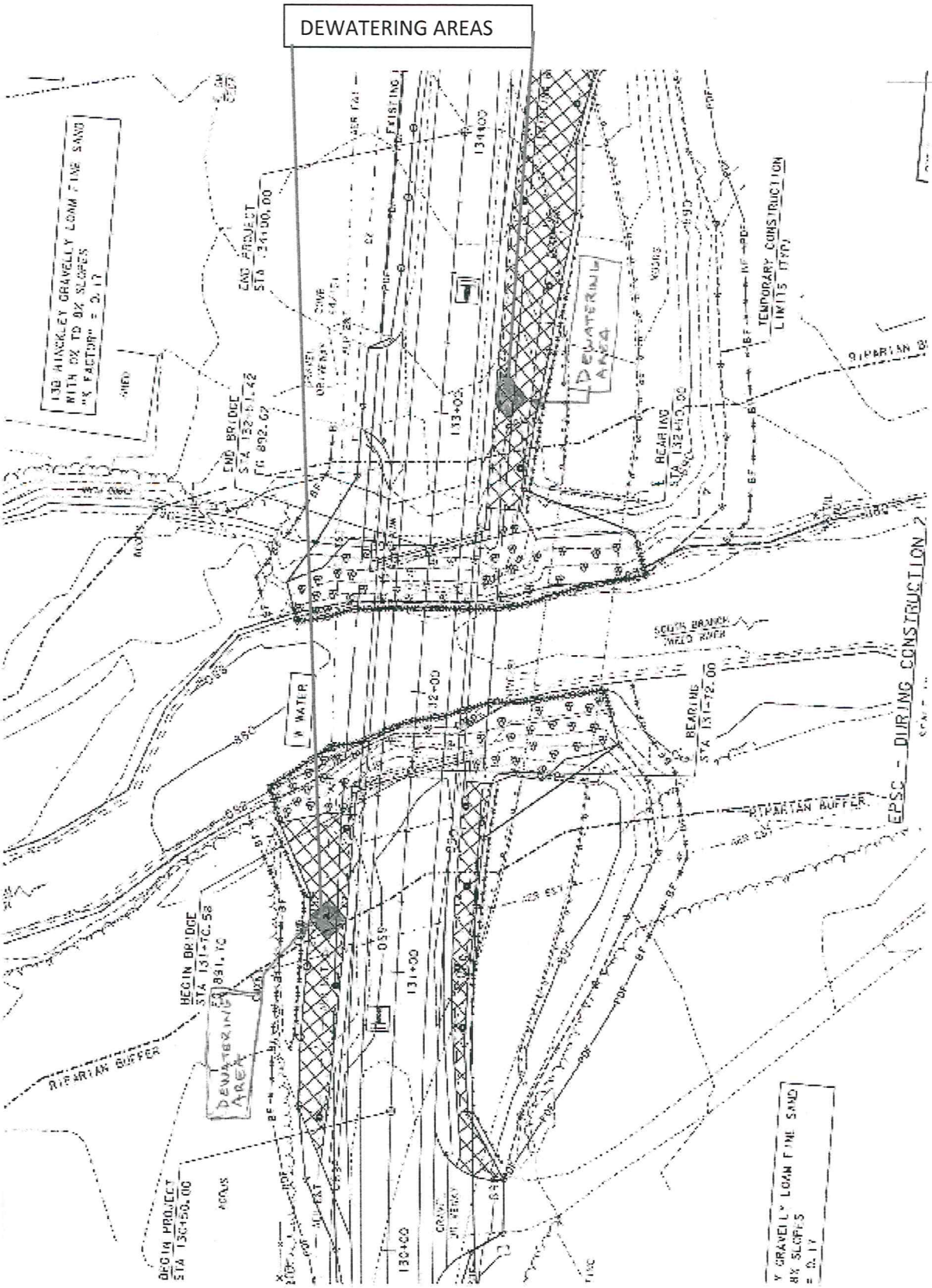
1.6.2 Plan Preparer and reviewer

Chad Contaldi has prepared this plan under the direction of Phil Savoy of Savoy Engineering. Chad has pre-pared numerous plans for Vermont AOT projects under the direction of other Profesional Engineers. Chad has degrees in Civil Engineering and Construction Management and has been working for 15 years in the Construction Field. Chad is also working towards earning his CPESC certification.

Phil Savoy of Savoy of Savoy Engineering located in Westminster Vermont is an accomplished engineer who has worked with Cold River Bridges on numerous projects including the Waterford St. Johnsbury IM MEB (32) project and the reconstruction of the Historic Bartonsville Covered Bridge project.


BAG PLACED ON AGGREGATE OR STRAW
HIGH STRENGTH DOUBLE STITCHED "J" TYPE SEAMS
SEWN IN SPOUT
HIGH STRENGTH STRAPPING FOR HOLDING HOSE IN PLACE
WATER FLOW FROM PUMP
PUMP DISCHARGE HOSE
OPENING ACCOMODATES UP TO 4" DISCHARGE HOSE
WIDTH
DIRTBAG ®
LENGTH
TOP VIEW


AGGREGATE OR STRAW UNDERLAYMENT


DEWATERING AREAS
DEWATERING AREA
DEWATERING AREA
TEMPORARY CONSTRUCTION LIMITS
RIPARIAN BUFFER
RIPARIAN BUFFER
EPSC - DURING CONSTRUCTION
SOUTH BRANCH HOUSATONIC RIVER
BEGIN PROJECT
END PROJECT
BEGIN BRIDGE
END BRIDGE
BEARING
BEARING
WATER