

# **T. Buck Construction, Inc.**

**249 Merrow Road, Auburn, Maine 04210-8319  
(207) 783-6223 \* (FAX) 783-3970**

## **EPSC PLAN**

Vermont Agency of Transportation

**Bridge Replacement in town of Burke, VT  
BRF 0269(13)**

Submitted 2/27/15  
REVISED 3/26/15



## **1.1 PROJECT DESCRIPTION**

This project involves the removal of bridge 13 and portions of its abutments and foundation. Bridge 13 will be replaced with a precast structure, spanning 56 Feet over Dish Mill Brook, on new footings along the same alignment. Bridge 13 is located in the town of Burke, on VT Route 114, approximately .47 miles easterly of the Lyndon/Burke Town line. The width of the bridge will be increased to 36 feet – 10 inches.

Note: Area of disturbance includes limits of earth disturbance within the project area, as well as waste, borrow and staging areas, and other earth disturbing activities within or directly adjacent to the project limits as shown on the attached EPSC plan.

Total area of disturbance as shown on the attached EPSC plan is approximately .53 acres

It is anticipated that the project will last one construction season

## **1.2 SITE INVENTORY**

### **1.2.1 TOPOGRAPHY**

The topography of the area is a saddle that is mostly developed with occasional open areas. VT Route 114, Beldon Hill Road (TH 52), and Gravel and paved driveways are within the project site. There are residences and businesses on both sides of the project, with a few grass and tree buffers

### **1.2.2 DRAINAGE, WATERWAYS, BODIES OF WATER, AND PROXIMITY TO NATURAL OR MAN-MADE WATER FEATURES**

The Dish Mill Brook, two artisan Wells, and an existing water main are the only water sources on the project site. The brook is classified as incised, sinuous, and alluvial with a confined and armored channel at the site. The stream bed consist of gravel, cobble, and boulders. The tributary area at the bridge crossing is 6.4 square miles. There are a number of drop inlets on site draining from the roadway to the brook. Due to the nature of the surrounding terrain the project site could receive runoff water from a few nearby slopes.

### **1.2.3 VEGETATION**

The vegetation in the project area consists of few hardwood trees and undergrowth. The impact to vegetation will be limited to that which is directly affected by replacement of the existing bridge and slope grading. Upon project completion, the channel; will be armored with stone fill type III as specified on the plans. Disturbed vegetation will be reestablished with standard seed and mulch practices.

## **1.2.4 SOILS**

All soil data came from the U.S. Department of agriculture soil conservation service for the county of Caledonia, Vermont. Soils on the project site are Colton-Duxbury Complex, 0% to 3% and 15% to 25% Slopes, "K Factor" = 0.24. The soil is considered not highly erodible at 0% to 3% slopes and highly erodible at 15% to 25% Slopes.

NOTE: K-Values generally indicate the following

0.0 – 0.23 = Low erosion potential

.24 - .36 = Moderate erosion potential

.37 and higher = High erosion potential

## **1.2.5 SENSITIVE RESOURCE AREAS**

Critical Habitats: NO

Historical or archeological areas: Yes. Bridge 13 is a contributing resource to an existing historic district.

A number of the existing building within the project area are considered historic resources. The northwest and southeast quadrants of the project may contain remains of historic structures. The southeast quadrant in particular may be sensitive for historic archaeology.

Prime Agricultural land: NO

Threatened and Endangered Species: NO

Water Resource: Dish Mill Brook

Wetlands: NO

## **1.3 RISK EVALUATION**

This project does not fall under the jurisdiction of general permit 3-9020 for storm water runoff from construction sites. Should change prior to or during construction result in one or more acres of earth disturbance or should the project become part of a larger plan of development, the contract will be responsible for any additional permitting.

## **1.4 EROSION PREVENTION AND SEDIMENT CONTROL**

The erosion control plans are meant as a guideline for preventing erosion and controlling sediment transport. The principles outlines in this narrative consist of applying measures throughout construction of the project in order to minimize sediment transport to the receiving waters. The measure include stabilization and structural practices, storm water controls and other pollution prevention practices.

They have been proposed by the designer as a basis for protective resources and will need to be built upon based on the specific means and methods of the contractor. Refer to the low risk site handbook and appropriate detail sheets for specific guidance and construction detailing.

All measures shall be regularly maintained and shall be checked for sediment build-up. Sediment shall be disposed of at an approved site where it will not be subject to erosion.

### **1.4.1 MARK SITE BOUNDARIES**

Site Boundaries and areas of construction equipment can access shall be delineated. Project Demarcation Fencing PDF shall be used to physically mark site boundaries.

### **1.4.2 LIMIT DISTURBANCE AREA**

Preventing initial soil erosion by minimizing the exposed area is much more effective than treating eroded sediment. Earth disturbance can be minimized through construction phasing by only opening up earth as necessary. This can limit the area that will be disturbed and exposed to erosion. Employ temporary construction stabilization practices in incremental stages as phase's change. For project which fall under the construction general permit, only the acreage listed on the permit authorization may be exposed at any given time.

Maintaining vegetates buffers along stream banks, wetland or other sensitive areas is crucial erosion and sediment control measure that should be established wherever possible.

### **1.4.3 SITE ENTRANCE / EXIT STABILIZATION**

Tracking of sediment onto public highways shall be minimized to reduce the potential for runoff entering receive waters. Installation shall coincide with the contractor's progress schedule. Stabilized construction entrances are not anticipated on this project. The existing roadway will be utilized to access the bridge.

### **1.4.4 INSTALL SEDIMENT BARRIERS**

Sediment barriers shall be utilized to intercept runoff and allow suspended sediment to settle out. They shall be installed prior to any up slope work

Silt fence and inlet protection devices will be install as proposed on the EPSC Plan.

### **1.4.5 DIVERT UPLANE RUNOFF**

Diversionsary measures shall be used to intercept runoff from above the construction and direct it around the disturbed area so that clean water does not become muddies while traveling over exposed soils on the construction site.

This project will have an off-site detour and construction vehicles will be able to utilize the existing roadway to access the bridge, therefore, it is not anticipated that diversion measures will be necessary.

### **1.4.6 SLOW DOWN CHANNELIZED RUNOFF**

Check structures shall be utilized to reduce the velocity, and thus the erosive potential, of concentrate flow in channels.

Stone check dams are not anticipated for the project as there are no defied channels within the project limits

### **1.4.7 CONSTRUCT PERMANENT CONTROLS**

Permanent storm water treatment devices shall be installed as shown on the plans and in accordance with permit conditions.

Permanent storm water treatment devices are not anticipated on this project.

### **1.4.8 STABILIZE EXPOSED SOILS DURING CONDITION**

All areas of disturbance must have temporary stabilization in place within 48 hours of disturbance or in accordance with construction general permit 3-9020 authorization.

Surface roughening of all exposed slopes, combine with temporary mulching shall be utilized on a regular basis. Biodegradable erosion control matting or an equivalent shall be used to stabilize all slopes steeper than 1:3.

The forecast of rainfall events shall trigger immediate protection of exposed soils.

### **1.4.9 WINTER STABILIZATION**

Various measures specific to winter may be necessary should the project extend into winter (October 15 through April 15). Refer to the low risk site handbook for guidance.

### **1.4.10 STABILIZE SOIL AT FINAL GRADE**

Exposed soil must be stabilize within 48 hours of reaching final grade

Seed, Mulch, Fertilizer and Lime shall be used to establish permanent vegetation. For slopes steeper than 1:3, biodegradable erosion control matting or an equivalent shall be used instead of mulch.

Temporary erosion control matting shall be used to stabilize roadway slopes and stone fill shall be used to stabilize the channel as shown on the plans.

### **1.4.11 DE-WATERING ACTIVITIES**

Discharge from dewatering activities that flows off the construction site must not cause or contribute to a violation of the Vermont water quality standards.

Treatment of discharge from dewatering activities is anticipated. The specific means for treatment of discharge shall be provided by the contractor. All costs for treatment of discharge shall be paid for under contract item 653.45

### **1.4.12 INSPECT YOUR SITE**

Inspect the project site based on special provision requirements or construction general permit authorization stipulations.

# 1.5 Sequence and Staging

## 1.5.1 Construction Sequence

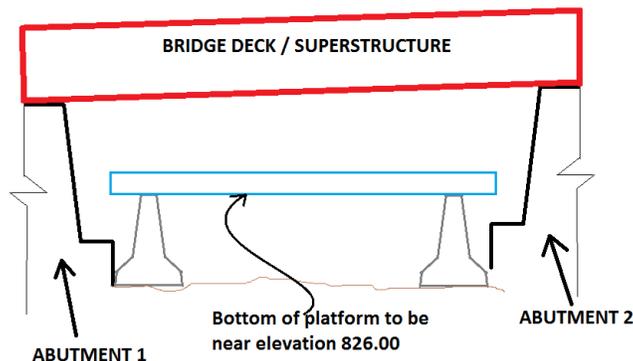
The project schedule is particularly important on this project and it can be divided into three major categories, Pre Closure, Closure, and Post Closure. The following sequence outlines what measures will be installed in each phase, and how we plan on minimizing erosion and sedimentation on the project throughout all phases. The dates given below are approximate and subject to review.

### Pre Closure: April 15<sup>th</sup> thru May 25<sup>th</sup>

- 1) Mobilize jobsite trailers and project materials
- 2) Install project demarcation fence and applicable silt fence(s).
- 3) Install access for bridge construction
- 4) Install temporary bridge for daily lane closures (see traffic control plan
- 5) Install platform under existing bridge (if practicable)
- 6) Stabilize construction site in preparation for closure period

During this phase, all typical erosion control measure described in section 1.4 will be installed. Silt fence and check structures head the list of temporary erosion control measures. Any off-site activity location will have stabilized construction entrances using the vehicle tracking pad item and the slopes will be stabilized with erosion control blanket and or mulch.

The demolition platform will consist of 20' crane mats which will span the river to protect any debris from entering the water source. The contract calls for the demolition to be completed to an elevation 822 on abutment 1 and to 825 on abutment 2 (see note 15 on plan sheet 7). The platform will be founded on Jersey barrier set in the river under the bridge up tight to the abutments. A basic sketch is below.



The Temporary bridge will be installed immediately upstream from the existing bridge and the abutments and back walls will consist of crane mats. The elevation of the disturbance for the abutments will be +/- 825.00. With ordinary high water being near 823, we should not have an issue during the 2-3 weeks the bridge is installed. The bridge will be installed for the short period of time to facilitate the requirement to install some of the pile before the closure. With the existing bridge being so narrow, it would be impossible to maintain one lane of traffic while installing the Pile as specified. The bridge will be shifted prior to the closure and act as a pedestrian bridge during the closure period (see traffic control plan).

**Closure Period: May 26<sup>th</sup> – June 15<sup>th</sup>.**

- 1) Demolish Bridge and excavate channel & approaches.
  - a. Debris will be collected and removed from the platform
  - b. All concrete debris and earthen material will be taken to approved waste area which is to be determined.
  - c. The specified demolition is outlined in the project plans. In general the existing abutments / footings remain in place and will act as the isolation within the limits of the existing bridge.
- 2) After the bridge is demolished, the rip rap will need to be installed what will be under the new bridge.
  - a. Isolation between the active stream and excavation will be maintained using a cofferdam. The cofferdam may consist of short sheet pile which will surround the limits of the rip rap upstream of the bridge on both abutments, if actual site conditions allow, the cofferdam may be constructed out of sand bags and poly laid out in the same configuration as the limits of rip rap. The cofferdams will be installed for a very short period of time as once the rip rap near the stream is installed, the cofferdams can be removed.
  - b. If dewatering of the cofferdam(s) is necessary, it will be done so using a 2-3" pump and it will pump into a dirt bag or containment area to be filtered before the water reenters the stream.
- 3) The new bridge will be erected and constructed in accordance with plans and specs.
- 4) The road will be opened to traffic before June 15<sup>th</sup> at 7:00 am.

**Post Closure Period: June 15<sup>th</sup> – August 14<sup>th</sup>**

- 1) Remaining contract work completed
  - a. Sidewalk placed
  - b. Texas rail placed
  - c. Retaining wall completed
  - d. Driveway reestablished near abutting property
- 2) All temporary access will be removed
- 3) Install all other permanent erosion control measures as specified
- 4) Establish grass/vegetation growth

This phase will begin when the road is open to traffic, the final slope/site stabilization will commence once all the other contract work is completed. All temporary erosion control measures will be removed. If necessary, we will reinstall or leave some silt fence to ensure any finalized topsoil is not eroded during a rain event.

## **1.5.2 Off Site Activities**

Copies of all approved waste areas will become part of this plan. In general, we anticipate one waste area and one staging area for trailers and job equipment.

## **1.5.3 Updates**

As changes are required in the field, T Buck will alter this plan and describe such changes meeting the guidelines of section 1.5.1.

# **1.6 CONTACT INFORMATION**

**1.6.1** The on-site plan coordinator will be Harry Pottle. He can be reached at 207-754-2169 or at his office number (TBD). Harry has managed several projects in Vermont, most recently the Sand Hill Bridge replacement in Middlebury, VT. Harry has been to erosion control training and understands the intent and requirements of erosion control procedures. Harry will be on-site every day and has the ability to halt construction. And Harry is capable and responsible for making sure the project is constructed in accordance with the plans and specs.

**1.6.2** The Plan Preparer is Brian Emmons. He can be reached at the main office in Auburn, Me 207-783-6223 x 205. His cell phone number is 207-212-0960. Brian has prepared several erosion control plans for the state of Vermont in recent years as well as numerous plans in Maine and NH over the past 10 years. Brian estimated the project and understands the applicable spec sections and the intent of the plans as it relates to erosion control as well as the structural concept. Brian will communicate with Harry on a daily basis to ensure the project is being constructed properly.

## **1.7 CONSTRUCTION SCHEDULE**

See the Construction Schedule.

## **1.8 INSPECTION FORM**

T Buck Construction will utilize the standard inspection form found at:  
<http://vtransengineering.vermont.gov/bureaus/cmb/services/environmental>

## **2.0 EROSION PREVENTION AND SEDIMENT CONTROL PLAN**

### **Construction Sequence**

- The colored site plan corresponds to the steps described in section 1.5.1
- See attached Contract drawings

### **Offsite Activity**

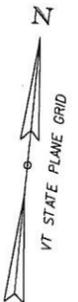
- Staging location to be determined for engineers trailer.
- Waste area to be determined and approved prior to use

### **Details**

- See attached standard details in applicable contract drawings

### **Updates**

- Any / all updates will be incorporated into this plan



SOIL INFORMATION:  
COLTON-DUXBURY COMPLEX  
K = 0.24, HIGHLY ERODIBLE  
HYDROLOGIC SOIL GROUP: A

SOIL INFORMATION:  
COLTON-DUXBURY COMPLEX  
K = 0.24, HIGHLY ERODIBLE  
HYDROLOGIC SOIL GROUP: A

SOIL INFORMATION:  
COLTON-DUXBURY COMPLEX  
K = 0.24, NOT HIGHLY ERODIBLE  
HYDROLOGIC SOIL GROUP: A

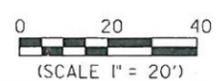
SOIL INFORMATION:  
COLTON-DUXBURY COMPLEX  
K = 0.24, HIGHLY ERODIBLE  
HYDROLOGIC SOIL GROUP: A

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COLTON-DUXBURY COMPLEX  
K = 0.24, HIGHLY ERODIBLE  
HYDROLOGIC SOIL GROUP: A

PILE INSTALLATION  
-PRE CLOSURE

TEMP BRIDGE  
PRE-CLOSURE

AREA OF  
PLATFORM  
-PRE CLOSURE



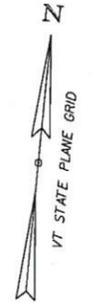
PROJECT NAME:	BURKE
PROJECT NUMBER:	BRF 0269(13)
FILE NAME:	10c412/cos/z10c412bdreroex.dgn
PLOT DATE:	10/14/2014
PROJECT LEADER:	J. BYATT
DESIGNED BY:	M. HALEY
EPSC EXISTING PLAN SHEET	CHECKED BY: P. SHEDD
	DRAWN BY: M. HALEY
	SHEET 67 OF 73

MODEL: L01  
CLD 12-0121

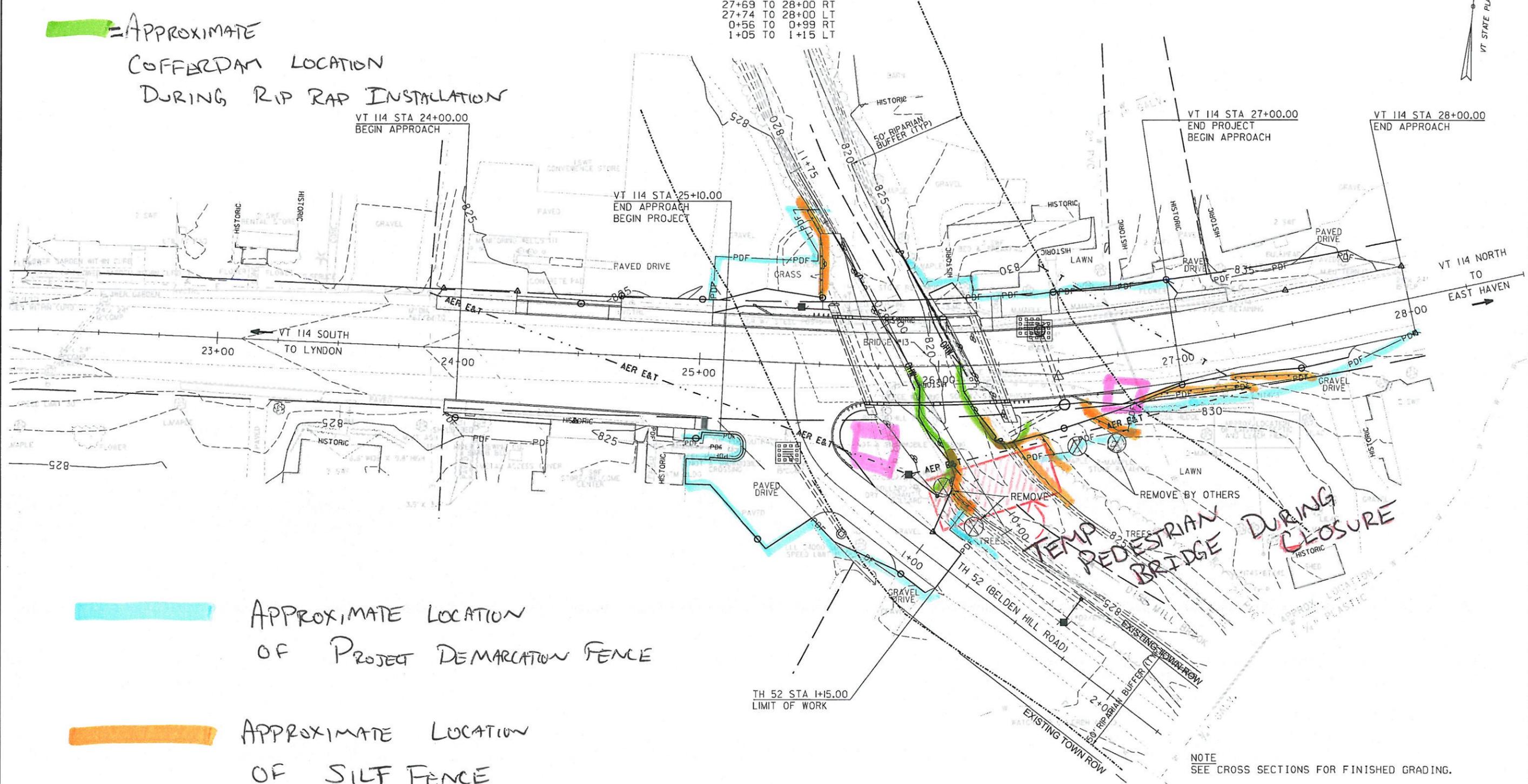
**GEOTEXTILE FOR SILT FENCE**  
 25+42 TO 25+49 LT  
 26+29 TO 26+34 RT  
 26+40 TO 26+45 RT  
 26+63 TO 26+76 RT  
 26+91 TO 27+25 RT  
 27+22 TO 27+51 RT  
 0+96 TO 1+05 LT

**PROJECT DEMARCATION FENCE**  
 23+95 TO 24+04 RT  
 24+08 TO 24+39 RT  
 24+82 TO 24+90 RT  
 24+96 TO 25+19 RT  
 25+04 TO 25+47 LT  
 26+11 TO 26+23 LT  
 26+27 TO 26+49 LT  
 26+34 TO 27+55 RT  
 26+52 TO 27+06 LT  
 27+20 TO 27+64 LT  
 27+69 TO 28+00 RT  
 27+74 TO 28+00 LT  
 0+56 TO 0+99 RT  
 1+05 TO 1+15 LT

**INLET PROTECTION DEVICE, TYPE I**  
 26+39 LT  
 26+43 LT  
 0+35 RT



**APPROXIMATE COFFERDAM LOCATION DURING RIP RAP INSTALLATION**



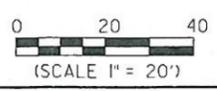
**APPROXIMATE LOCATION OF PROJECT DEMARCATION FENCE**

**APPROXIMATE LOCATION OF SILT FENCE**

**POTENTIAL DIRT BAG/SEDIMENTATION BASIN FOR DEWATERING**

NOTE  
 SEE CROSS SECTIONS FOR FINISHED GRADING.

PROJECT NAME:	BURKE
PROJECT NUMBER:	BRF 0269(I3)
FILE NAME:	10c412/cos/z10c412bdrerocn.dgn
PLOT DATE:	10/14/2014
PROJECT LEADER:	J. BYATT
DESIGNED BY:	M. HALEY
EPSC CONSTRUCTION PLAN SHEET	CHECKED BY: P. SHEDD
	DRAWN BY: M. HALEY
	SHEET 68 OF 73

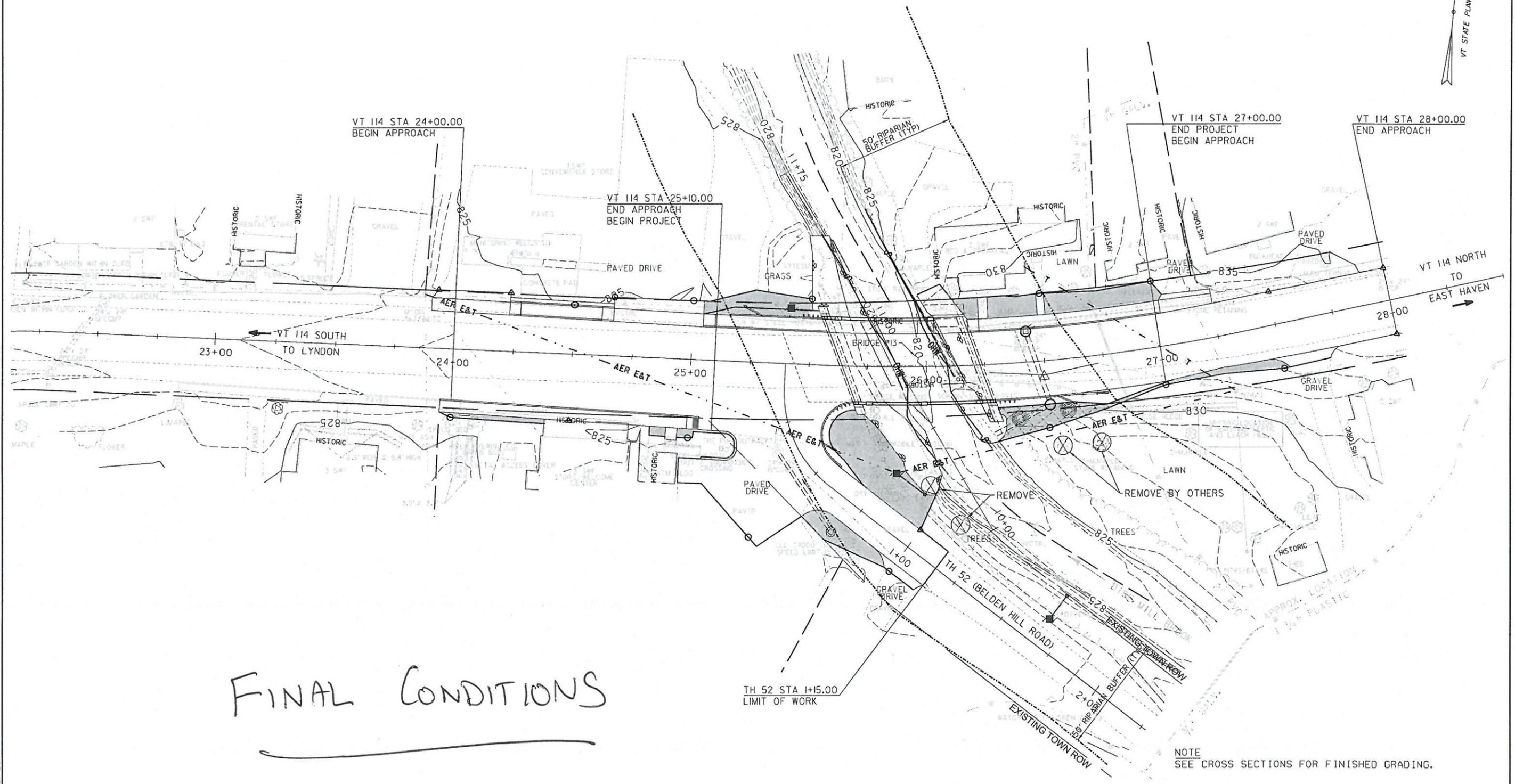


C.L.D. 12-0121 MODEL: LOI

STONE FILL, TYPE III  
 GEOTEXTILE UNDER STONE FILL  
 25+50 LT TO 26+06 RT (CHANNEL)  
 25+95 LT TO 26+35 RT (CHANNEL)

TEMPORARY EROSION MATTING  
 26+25 TO 26+75 RT

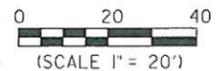
GRUBBING MATERIAL  
 25+50 TO 25+74 LT (EXCLUDES UNDER BRIDGE)  
 25+77 TO 25+94 RT (EXCLUDES UNDER BRIDGE)  
 26+08 TO 26+35 RT (EXCLUDES UNDER BRIDGE)



FINAL CONDITIONS

NOTE  
 SEE CROSS SECTIONS FOR FINISHED GRADING.

PROJECT NAME:	BURKE
PROJECT NUMBER:	BRF 0269(13)
FILE NAME:	I0c412/cos/z10c412bdrerofl.dgn
PROJECT LEADER:	J. BYATT
DESIGNED BY:	M. HALEY
EPSC FINAL PLAN SHEET	CHECKED BY: P. SHEDD
	PLOT DATE: 10/14/2014
	DRAWN BY: M. HALEY
	SHEET 69 OF 73



MODEL: LOI  
 CLD 12-0121

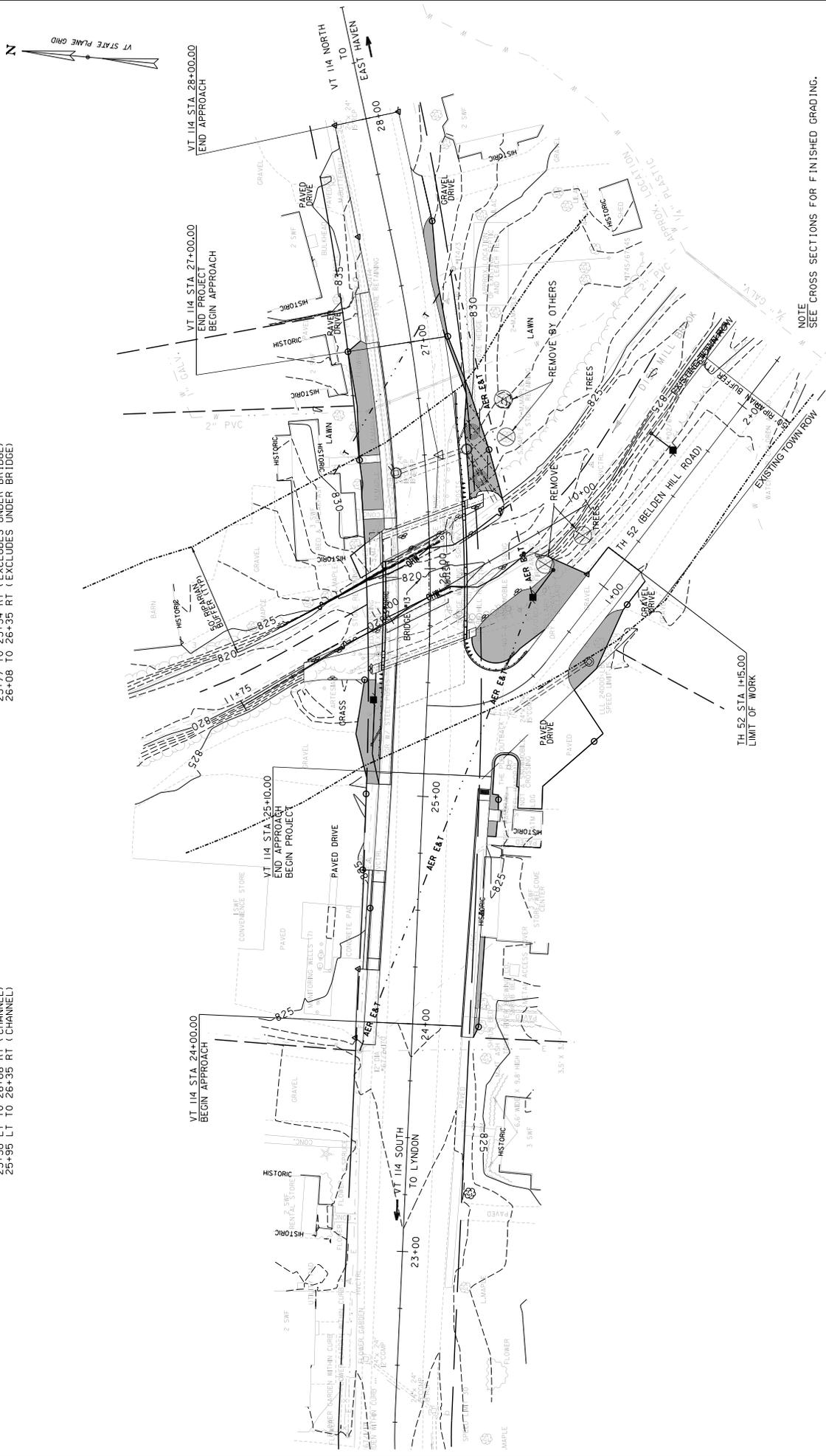




STONE FILL TYPE III  
 GEOTEXILE UNDER STONE FILL  
 25+80 LT TO 26+06 RT (CHANNEL)  
 25+95 LT TO 26+35 RT (CHANNEL)

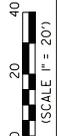
TEMPORARY EROSION MATTING  
 26+25 TO 26+75 RT

CRUBBING MATERIAL  
 25+30 TO 26+74 LT (EXCLUDES UNDER BRIDGE)  
 25+77 TO 26+94 RT (EXCLUDES UNDER BRIDGE)  
 26+08 TO 26+35 RT (EXCLUDES UNDER BRIDGE)



NOTE  
 SEE CROSS SECTIONS FOR FINISHED GRADING.

PROJECT NAME: BURKE  
 PROJECT NUMBER: BRF 0269(13)  
 FILE NAME: I:\c4r2\cos\210c4r2bdrerof1.dgn PLOT DATE: 10/14/2014  
 PROJECT LEADER: J. BYATTI DRAWN BY: M. HALEY  
 DESIGNED BY: M. HALEY CHECKED BY: P. SHELDON  
 EPCG FINAL PLAN SHEET SHEET 69 OF 73



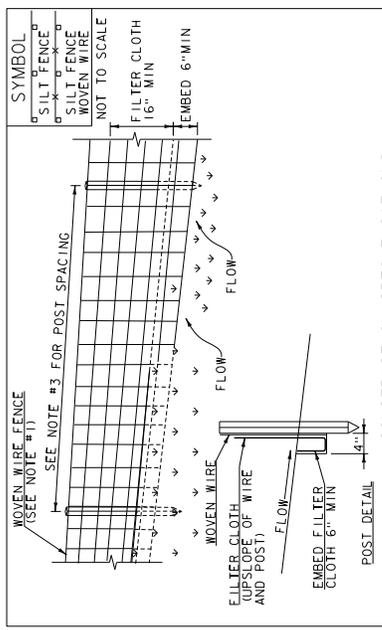
VAOT RURAL AREA MIX			
% WEIGHT	LBS/AC	BROADCAST HYDROSEED	GERM % PURITY %
37.5%	22.5	45 CREEPING RED FESCUE	85%
37.5%	22.5	45 TALL FESCUE	90%
5.8%	3	6 RED TOP	90%
15.8%	9	18 BIRDSFOOT TREFOIL	85%
5.8%	3	6 ANNUAL RYE GRASS	85%
100%	60		

VAOT URBAN AREA MIX			
% WEIGHT	LBS/AC	BROADCAST HYDROSEED	GERM % PURITY %
42.5%	34	68 CREEPING RED FESCUE	85%
10.0%	8	16 PERENNIAL RYE GRASS	90%
42.5%	34	68 KENTUCKY BLUE GRASS	85%
5.0%	4	8 ANNUAL RYE GRASS	85%
100%	80		

SOIL AMENDMENT GUIDANCE	
FERTILIZER	LIME
BROADCAST HYDROSEED FOLLOW	BROADCAST HYDROSEED FOLLOW
500 LBS/AC	MANUFACTURER 7 TONS/AC
	MANUFACTURER

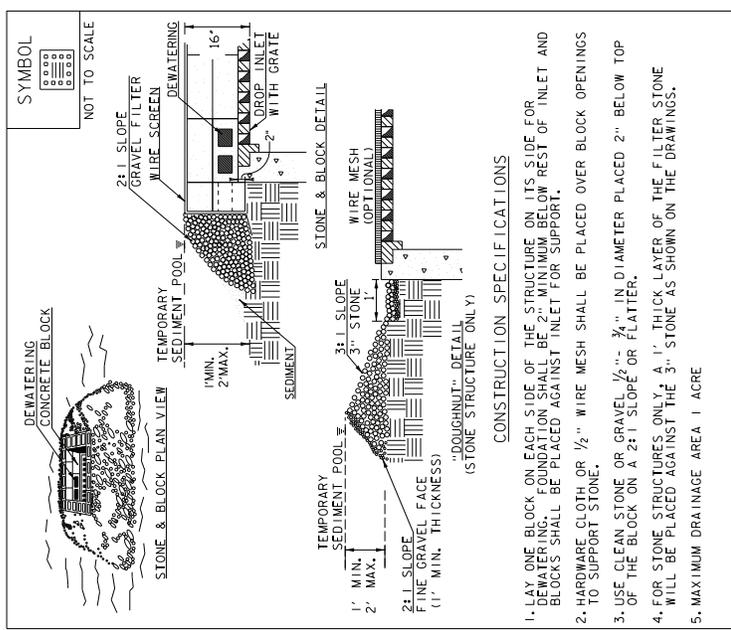
- CONSTRUCTION GUIDANCE**
- RURAL SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED UPLAND (NON WETLAND) AREAS DISTURBED BY THE CONTRACTOR.
  - URBAN SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED LAWN AREAS DISTURBED BY THE CONTRACTOR.
  - ALL SEED MIXTURES: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
  - FERTILIZER AND LIME: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER
  - MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
  - TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
  - HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED
  - TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEEDING, AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

ADAPTED FROM VTRANS TECHNICAL LANDSCAPE MANUAL FOR ROADWAYS AND TRANSPORTATION FACILITIES		TURF ESTABLISHMENT	
REVISIONS	JUNE 23, 2009	WHF	WHF
	JANUARY 15, 2010	WHF	WHF
	FEBRUARY 16, 2011	WHF	WHF



- CONSTRUCTION SPECIFICATIONS**
- WOVEN WIRE REINFORCED FENCE IS REQUIRED WITHIN 100' UPSLOPE OF RECEIVING WATERS WHEN THE PROJECT FALLS UNDER A CONSTRUCTION STORMWATER PERMIT. WOVEN WIRE SHALL BE A MIN. 14 GAUGE WITH A 6" MAX. MESH OPENING.
  - FILTER CLOTH SHALL BE EITHER FILTER X, MIRAF1100X, STABILINKA T140N OR APPROVED EQUIVALENT.
  - POST SPACING FOR WIRE-BACKED FENCE SHALL BE 10' MAXIMUM. FOR FILTER-CLOTH FENCE, WHEN ELONGATION IS 250%, POST SPACING SHALL NOT EXCEED 4' AND WHEN ELONGATION IS 630%, POST SPACING SHALL NOT EXCEED 6'.
  - WOVEN WIRE FENCE IS TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES. FILTER CLOTH IS TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
  - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY 6" AND FOLDED.
  - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN SEDIMENT REACHES HALF OF FABRIC HEIGHT.

ADAPTED FROM DETAILS PROVIDED BY NEW YORK STATE DEC ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION		SILT FENCE	
NOTES:	REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006-" FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.	REVISIONS	WHF
		MARCH 21, 2008	WHF
		DECEMBER 11, 2008	WHF
		JANUARY 13, 2009	WHF

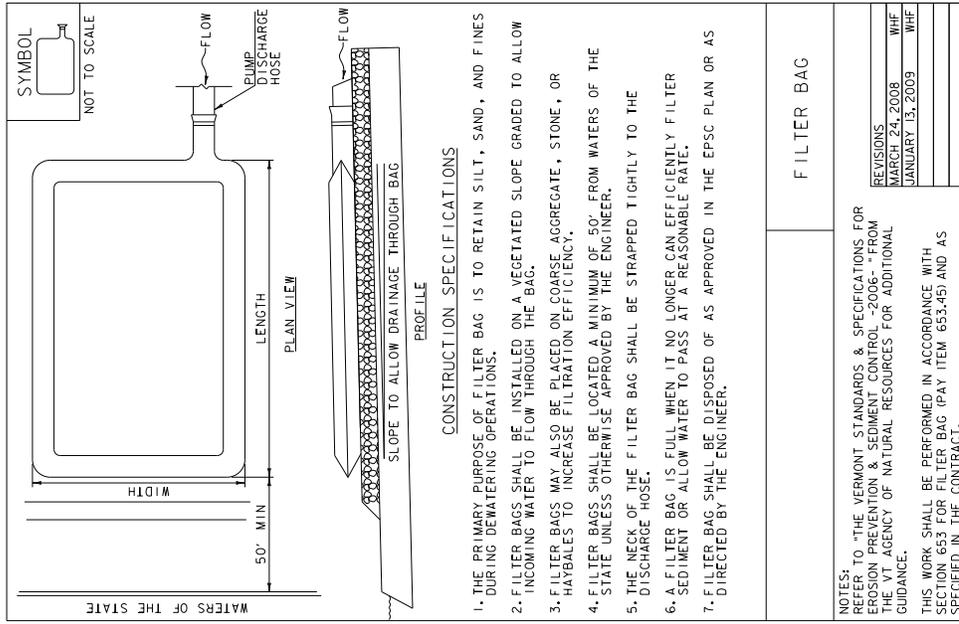
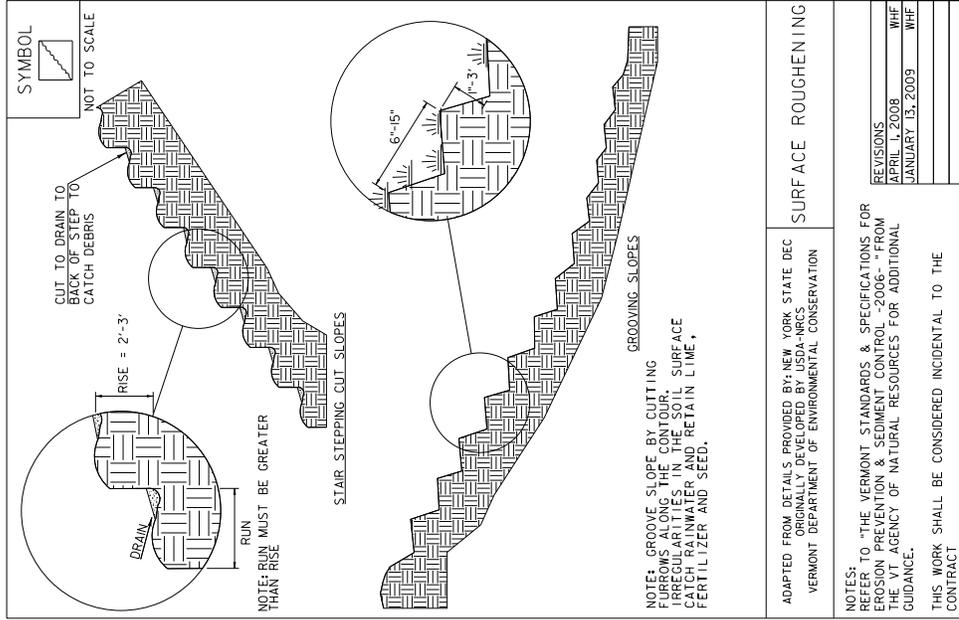
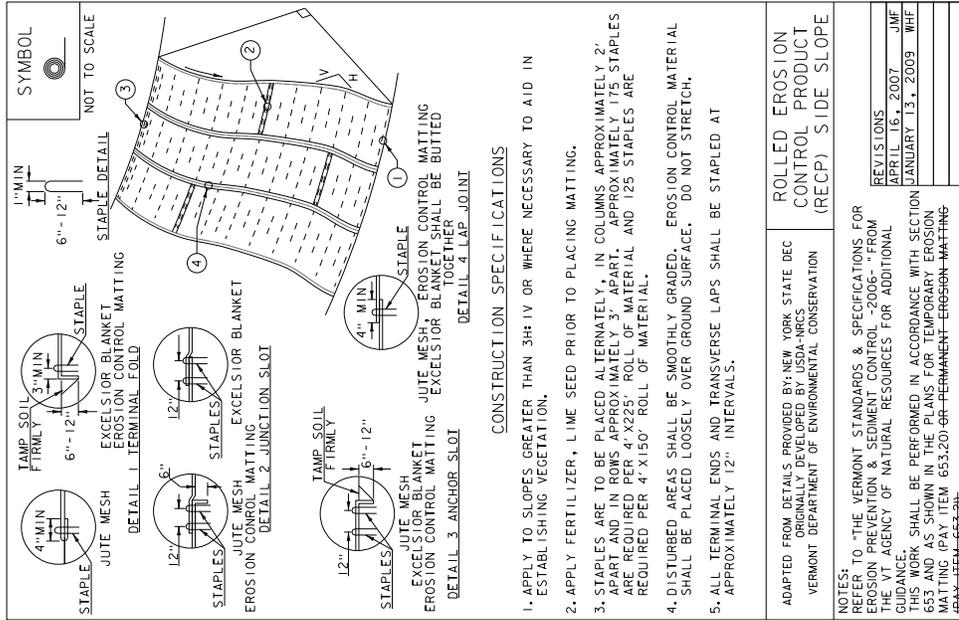


- CONSTRUCTION SPECIFICATIONS**
- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2" MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
  - HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
  - USE CLEAN STONE OR GRAVEL 1/2" - 3/4" IN DIAMETER PLACED 2" BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
  - FOR STONE STRUCTURES ONLY, A 1" THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3" STONE AS SHOWN ON THE DRAWINGS.
  - MAXIMUM DRAINAGE AREA 1 ACRE

ADAPTED FROM DETAILS PROVIDED BY NEW YORK STATE DEC ORIGINALLY DEVELOPED BY VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION		STONE & BLOCK DROP INLET PROTECTION	
NOTES:	REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006-" FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.	REVISIONS	WHF
		MARCH 6, 2008	WHF
		JANUARY 13, 2009	WHF

PROJECT NAME: BURKE  
 PROJECT NUMBER: BRF 0269(I)3  
 FILE NAME: 10c4h2/cos/20c/426r-0det1.dgn  
 PLOT DATE: 10/17/2014  
 PROJECT LEADER: J. BYATT  
 DESIGNED BY: M. HALEY  
 CHECKED BY: P. SHEED  
 SHEET: 70 OF 73





PROJECT NAME: BURKE  
PROJECT NUMBER: BRF 0269(13)

FILE NAME: 10c4h2/cos/z05c4f2er-odet.dgn  
PLOT DATE: 10/17/2014  
DRAWN BY: M. HALEY  
DESIGNED BY: M. HALEY  
CHECKED BY: P. SHEED  
EPCS DETAILS 2  
SHEET 71 OF 73

# OFF-SITE ACTIVITY REVIEW



## VTRANS ENVIRONMENTAL RESOURCE REVIEW

**Project/District Name:** Burke BRF 0269 (3) **Proposed Area Name:** Russell Riendeau Pit Property

X Waste meters)  Borrow  Staging  Other X: 542336.35 Y: 228370.08 (NAD83, meters)

**Natural Resource Review** Reviewer: John Lepore

X Accepted  Rejected Date 25-FEB-2015 Signature [Signature]

Comments \_\_\_\_\_

**Cultural Resource Review** Reviewer: Jen Russell

Accepted  Rejected Date 2-26-15 Signature [Signature] *VTrans Archaeology Officer*

Comments previously disturbed

**The Site has been REJECTED for use at this time**

The Contractor is advised to:

- Seek another site for use
- Hire an Environmental firm to \_\_\_\_\_
- Hire an Archeological consultant to clear Section 106 issues

**This site has been ACCEPTED** (Site does not warrant any special conditions)

**This site has been ACCEPTED with the following conditions:**

- Maintain a minimum buffer of \_\_\_\_\_ feet from \_\_\_\_\_
- Orange fencing must be installed to protect nearby resources \_\_\_\_\_
- Materials must be placed on geotextile fabric
- Use of this site must comply with applicable local/state/federal permitting regulations including but not limited to:**
  - Please contact the Construction Environmental Engineer prior to use of this site.
  - Other: \_\_\_\_\_

**The VT ANR Low Risk Site Handbook for EPSC measures should be used as a minimum measure for best management practices at waste, borrow and staging sites.**

A copy of this Review has been faxed to the Resident Engineer/District Tech  Yes  No

A copy of this Review has been delivered to the Construction Env Eng (CEE)  Yes  No

**This clearance is for the Natural and Cultural Resources Only.**

## OFF-SITE ACTIVITY SUBMITTAL



- This form is to be completed in its entirety by the Contractor/District Tech when proposing any waste, borrow, or staging area or any work outside the defined Contract construction limits.
- Submit to Karen Spooner: karen.spooner@state.vt.us, Phone: (802)828-2169, Fax: (802)828-2334, VTrans Program Development Division, Environmental Section, One National Life Drive, Montpelier, VT 05633-5001
- Submit a copy to the Resident Engineer
- Allow 21 calendar days (see Section 105.25 (c) of the VTrans Standard Specifications For Construction) for review once the application is administratively complete.

**received**  
2-25-13

▪ **SUBMITTAL INFORMATION**

Project Name/District: <u>BURKE - BRF 0269(3)</u>		Contractor/District Tech: <u>T. BUCK CONSTRUCTION</u>	
Contact: <u>B. EMMONS</u>	Phone: <u>207-783-6223</u>	Fax: <u>207-783-3970</u>	E-mail: <u>bemmons@tbuckcon.net</u>
Resident Engineer: <u>KEVIN MCCLURE</u>		Phone: <u>917-4629</u> Fax: <u>TBD</u>	

▪ **PROPOSAL INFORMATION** (Select one type of area being proposed for use per submittal and describe associated characteristics)

<input checked="" type="checkbox"/> Waste	<input type="checkbox"/> Borrow	<input type="checkbox"/> Staging	<input type="checkbox"/> Other (ex. dewatering location): _____
Material: Type (asphalt, concrete, earthen, etc.) <u>EARTHEN</u>		Quantity (yds <sup>3</sup> ) <u>300-400</u>	
Total Area of Land Disturbance (sq ft) <u>1000 +/-</u>		Additional Info: _____	

▪ **LANDOWNER/PROPERTY INFO** (Fill all applicable boxes; attach a Location Map and Sketch of Area)

Name: <u>Russell Roudreau</u>		Address: <u>59 Burington Bridge Rd</u>		Phone: <u>802 626-0853</u>	
Print Name		Lyndonville Vt			
<input checked="" type="checkbox"/> Private Residential/Commercial	<input type="checkbox"/> Town/State Owned Facility	<input type="checkbox"/> Other			
Additional Info: _____					
Are there other users of this site? <input type="checkbox"/> Yes <input type="checkbox"/> No					
Known past uses: _____					
<input type="checkbox"/> Location Map (must be USGS Geological Survey Map (7.5'))					
<input checked="" type="checkbox"/> Sketch of Area:	<input checked="" type="checkbox"/> North arrow	<input checked="" type="checkbox"/> Approx scale	<input checked="" type="checkbox"/> Recognizable features		
<b>Permit Info:</b>					
Act 250 Permit Exists? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, # _____ Copy Enclosed? <input type="checkbox"/> Yes <input type="checkbox"/> No					
List of Other Existing Permits: _____					

**Landowner Agreement** (Signature is required for all private-, town-, and state-owned properties)

I, [Signature] warrant that the information in the above permit application is accurate and agree  
 Landowner/Facility Manager Signature

to the use of the proposed area by T BUCK as shown on the attached sketch. If acting as the agent of  
 Name of Contractor

the Landowner, I warrant (1) that the Landowner has the full right, power, and authority to authorize the proposed use, (2) that I am authorized to act as the Landowner's agent, and (3) that my authority to act as the Landowner's agent has not been revoked.

Date: 2-19-15

**This clearance is for the Natural and Cultural Resources Only.**



# OFF-SITE ACTIVITY SUBMITTAL



- This form is to be completed in its entirety by the Contractor/District Tech when proposing any waste, borrow, or staging area or any work outside the defined Contract construction limits.
- Submit to Karen Spooner: [karen.spooner@state.vt.us](mailto:karen.spooner@state.vt.us), Phone: (802)828-2169, Fax: (802)828-2334, VTTrans Program Development Division, Environmental Section, One National Life Drive, Montpelier, VT 05633-5001
- Submit a copy to the Resident Engineer
- Allow 21 calendar days (see Section 105.25 (c) of the VTTrans Standard Specifications For Construction) for review once the application is administratively complete.

received  
2-25-13

## SUBMITTAL INFORMATION

Project Name/District: BURKE - BRP 0269(3) Contractor/District Tech: T. BUCK CONSTRUCTION  
Contact: B. EMMONS Phone: 207-783-6223 Fax: 207-783-3970 E-mail: bemmons@tBUCKCON.NET  
Resident Engineer: KEVIN MCCLURE Phone: 917-4629 Fax: TBD

## PROPOSAL INFORMATION (Select one type of area being proposed for use per submittal and describe associated characteristics)

Waste       Borrow       Staging       Other (ex. dewatering location): \_\_\_\_\_  
Material: Type (asphalt, concrete, earthen, etc.) EARTHEN      Quantity (yds<sup>3</sup>) 300-400  
Total Area of Land Disturbance (sq ft) 1000 +/-  
Additional Info: \_\_\_\_\_

## LANDOWNER/PROPERTY INFO (Fill all applicable boxes; attach a Location Map and Sketch of Area)

Name: Russell Roudreau Address: 59 Borington Bridge Rd Lyndonville VT Phone: 802 626-0853  
Print Name  
 Private Residential/Commercial       Town/State Owned Facility       Other  
Additional Info: \_\_\_\_\_  
Are there other users of this site?     Yes       No  
Known past uses: \_\_\_\_\_  
 Location Map (must be USGS Geological Survey Map (7.5'))  
 Sketch of Area:  North arrow       Approx scale       Recognizable features  
**Permit Info:**  
Act 250 Permit Exists?     Yes       No    If Yes, # \_\_\_\_\_ Copy Enclosed?     Yes     No  
List of Other Existing Permits: \_\_\_\_\_

**Landowner Agreement** (Signature is required for all private-, town-, and state-owned properties)  
I, Russell Roudreau, warrant that the information in the above permit application is accurate and agree  
Landowner/Facility Manager Signature  
to the use of the proposed area by T BUCK as shown on the attached sketch. If acting as the agent of  
Name of Contractor  
the Landowner, I warrant (1) that the Landowner has the full right, power, and authority to authorize the proposed use, (2) that I am authorized to act as the Landowner's agent, and (3) that my authority to act as the Landowner's agent has not been revoked.  
Date: 2-19-15

**This clearance is for the Natural and Cultural Resources Only.**



**APPROXIMATE  
LOCATION OF SPOILS  
FROM JOBSITE**

World - United States - VT - Caledonia Co. - Lyndon

100 feet 25m

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# OFF-SITE ACTIVITY REVIEW



## VTRANS ENVIRONMENTAL RESOURCE REVIEW

Project/District Name: Burke BRF 0269 (3)

Proposed Area Name: Town of Lyndon Property

Waste meters)

Borrow

Staging

Other

X: 543000.99 Y: 229283.37 (NAD83,

### Natural Resource Review

Reviewer: John Lepore

Accepted

Rejected

Date 25-FEB-2015

Signature [Signature]

Comments See Conditions below:

### Cultural Resource Review

Reviewer: Jan Russell

Accepted

Rejected

Date 2-26-15

Signature [Signature]

Comments previously disturbed

**The Site has been REJECTED for use at this time**

The Contractor is advised to:

Seek another site for use

Hire an Environmental firm to \_\_\_\_\_

Hire an Archeological consultant to clear Section 106 issues

**This site has been ACCEPTED** (Site does not warrant any special conditions)

**This site has been ACCEPTED with the following conditions:**

Maintain a minimum buffer of \_\_\_\_\_ feet from \_\_\_\_\_

Orange fencing must be installed to protect nearby resources \_\_\_\_\_

Materials must be placed on geotextile fabric

x Use of this site must comply with applicable local/state/federal permitting regulations including but not limited to:

Concrete is considered solid wastes, and since this material would be coming from a state-owned structure to town-owned parcel, a Solid Waste Permit is required. As this is an on-going site, the Town must already possess a Categorical Disposal Certification for this activity. Use of this site is contingent upon seeing that this permit is in place, prior to the use of the site for this project, Burke BRF 0269 (13).

Please contact the Construction Environmental Engineer prior to use of this site.

Other: \_\_\_\_\_

**The VT ANR Low Risk Site Handbook for EPSC measures should be used as a minimum measure for best management practices at waste, borrow and staging sites.**

A copy of this Review has been faxed to the Resident Engineer/District Tech

Yes

No

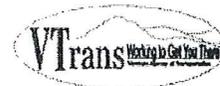
A copy of this Review has been delivered to the Construction Env Eng (CEE)

Yes

No

**This clearance is for the Natural and Cultural Resources Only.**

# OFF-SITE ACTIVITY SUBMITTAL



- This form is to be completed in its entirety by the Contractor/District Tech when proposing any waste, borrow, or staging area or any work outside the defined Contract construction limits.
- Submit to Karen Spooner: [karen.spooner@state.vt.us](mailto:karen.spooner@state.vt.us), Phone: (802)828-2169, Fax: (802)828-2334, VTrans Program Development Division, Environmental Section, One National Life Drive, Montpelier, VT 05633-5001
- Submit a copy to the Resident Engineer
- Allow 21 calendar days (see Section 105.25 (c) of the VTrans Standard Specifications For Construction) for review once the application is administratively complete.

**received**  
2-25-13

## SUBMITTAL INFORMATION

Project Name/District: BOYE - BRF 0269(13) Contractor/District Tech: T BUCK CONSTRUCTION  
Contact: B. EMMONS Phone: 207-783-6223 Fax: 207-783-3970 E-mail: BEMMONS@TBUCKCON.NET  
Resident Engineer: KEVIN MCCLURE Phone: 917-4624 Fax: TBD

## PROPOSAL INFORMATION (Select one type of area being proposed for use per submittal and describe associated characteristics)

Waste     Borrow     Staging     Other (ex. dewatering location): \_\_\_\_\_  
Material: Type (asphalt, concrete, earthen, etc.) CONCRETE    Quantity (yds<sup>3</sup>) 100  
Total Area of Land Disturbance (sq ft) N/A  
Additional Info: ESTABLISHED CONCRETE DEBRIS AREA / PILE

## LANDOWNER/PROPERTY INFO (Fill all applicable boxes; attach a Location Map and Sketch of Area)

Name: (ROBERT NUTTING) Address: 2480 RT 114, LYNDONVILLE, VT Phone: \_\_\_\_\_  
Print Name Town of Lyndon  
 Private Residential/Commercial     Town/State Owned Facility     Other  
Additional Info: TOWN OWNED CONCRETE DEBRIS AREA  
Are there other users of this site?     Yes     No  
Known past uses: \_\_\_\_\_  
 Location Map (must be USGS Geological Survey Map (7.5'))  
 Sketch of Area     North arrow     Approx scale     Recognizable features  
**Permit Info:**  
Act 250 Permit Exists?     Yes     No    If Yes, # \_\_\_\_\_    Copy Enclosed?     Yes     No  
List of Other Existing Permits: \_\_\_\_\_

**Landowner Agreement** (Signature is required for all private-, town-, and state-owned properties)  
I, Robert Nutting <sup>FELM</sup>, warrant that the information in the above permit application is accurate and agree  
Landowner/Facility Manager Signature  
to the use of the proposed area by T BUCK as shown on the attached sketch. If acting as the agent of  
Name of Contractor  
the Landowner, I warrant (1) that the Landowner has the full right, power, and authority to authorize the proposed use, (2) that I am authorized to act as the Landowner's agent, and (3) that my authority to act as the Landowner's agent has not been revoked.  
Date: 2-18-15

**This clearance is for the Natural and Cultural Resources Only.**



**NORTH**



Norrie Dr

114

114

E Burke Rd

**APPROXIMATE LOCATION  
FOR CONCRETE DEBRIS**

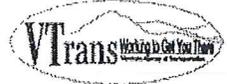
World - United States - VT - Caledonia Co. - Lyndon

East Branch

East Branch Passumpsic River

100 feet 25 m

# OFF-SITE ACTIVITY SUBMITTAL



- **This form is to be completed in its entirety by the Contractor/District Tech** when proposing any waste, borrow, or staging area or any work outside the defined Contract construction limits.
- **Submit to Karen Spooner:** [karen.spooner@state.vt.us](mailto:karen.spooner@state.vt.us), Phone: (802)828-2169, Fax: (802)828-2334, VTTrans Program Development Division, Environmental Section, One National Life Drive, Montpelier, VT 05633-5001
- **Submit a copy to the Resident Engineer**
- **Allow 21 calendar days** (see Section 105.25 (c) of the VTTrans Standard Specifications For Construction) for review once the application is administratively complete.

received  
 2-25-13

▪ **SUBMITTAL INFORMATION**

Project Name/District: BOYE - BR 0269(13) Contractor/District Tech: T BUCK CONSTRUCTION  
 Contact: B. EMMONS Phone: 207-783-6223 Fax: 207-783-3970 E-mail: BEEMMONS@TBUCKCONV.MET  
 Resident Engineer: KEVIN MCCLURE Phone: 917-4624 Fax: TBSD

▪ **PROPOSAL INFORMATION** (Select one type of area being proposed for use per submittal and describe associated characteristics)

Waste    
  Borrow    
  Staging    
  Other (ex. dewatering location): \_\_\_\_\_  
 Material: Type (asphalt, concrete, earthen, etc.) CONCRETE     Quantity (yds<sup>3</sup>) 100  
 Total Area of Land Disturbance (sq ft) N/A  
 Additional Info: ESTABLISHED CONCRETE DEBRIS AREA / PILE

▪ **LANDOWNER/PROPERTY INFO** (Fill all applicable boxes; attach a Location Map and Sketch of Area)

Name: ROBERT NUTTING Address: 2480 RT 114, LYNDONVILLE, VT Phone: \_\_\_\_\_  
Print Name

Private Residential/Commercial    
  Town/State Owned Facility    
  Other  
 Additional Info: TOWN OWNED CONCRETE DEBRIS AREA

Are there other users of this site?    Yes      No

Known past uses: \_\_\_\_\_

Location Map (must be USGS Geological Survey Map (7.5'))  
 Sketch of Area    North arrow    
  Approx scale    
  Recognizable features

**Permit Info:**

Act 250 Permit Exists?    Yes      No     If Yes, # \_\_\_\_\_     Copy Enclosed?    Yes      No

List of Other Existing Permits: \_\_\_\_\_

**Landowner Agreement** (Signature is required for all private-, town-, and state-owned properties)

I, Robert Nutting For MCN, warrant that the information in the above permit application is accurate and agree  
Landowner/Facility Manager Signature

to the use of the proposed area by T BUCK as shown on the attached sketch. If acting as the agent of  
Name of Contractor

the Landowner, I warrant (1) that the Landowner has the full right, power, and authority to authorize the proposed use, (2) that I am authorized to act as the Landowner's agent, and (3) that my authority to act as the Landowner's agent has not been revoked.

Date: 2-18-15

**This clearance is for the Natural and Cultural Resources Only.**



NORTH

Marine Dr

114

114

E Burke Rd

APPOXIMATE LOCATION FOR CONCRETE DEBRIS

World - United States - VT - Caledonia Co. - Lyndon

East Branch

East Branch  
100 feet  
25 m



# OFF-SITE ACTIVITY REVIEW

## VTRANS ENVIRONMENTAL RESOURCE REVIEW

Project/District Name: Burke BRF 0269 (B3) Proposed Area Name: Mathers

Waste

Borrow

Staging

X: 544065.07 Y: 231957.95 (NAD83, meters)

**MATERIAL**

### Natural Resource Review

Reviewer: John Lepore

X Accepted

Rejected

Date 23-MAR-2015

Signature

Comments \_\_\_\_\_

### Cultural Resource Review

Reviewer: Brennan Gauthier

X Accepted

Rejected

Date 23-MAR-2015

Signature

Comments \_\_\_\_\_

**The Site has been REJECTED for use at this time**

The Contractor is advised to:

Seek another site for use

Hire an Environmental firm to \_\_\_\_\_

Hire an Archeological consultant to clear Section 106 issues

X **This site has been ACCEPTED** (Site does not warrant any special conditions)

**This site has been ACCEPTED with the following conditions:**

Maintain a minimum buffer of \_\_\_\_\_ feet from \_\_\_\_\_

Orange fencing must be installed to protect nearby resources \_\_\_\_\_

Materials must be placed on geotextile fabric

Flood Hazard Area present - Use of this site expires 180 days from date of this authorization

Use of this site must comply with applicable local/state/federal permitting regulations including but not limited to:

Other: \_\_\_\_\_

The VT ANR Low Risk Site Handbook for EPSC measures should be used as a minimum measure for best management practices at waste, borrow and staging sites.

A copy of this Review has been faxed to the Resident Engineer/District Tech

x Yes  No

A copy of this Review has been delivered to the Construction Env Eng (CEE)

x Yes  No

This site may be subject to further review by the Construction Environmental Engineer. Please contact the CEE prior to use of this site.

**This clearance is for the Natural and Cultural Resources Only.**

### OFF-SITE ACTIVITY SUBMITTAL



- This form is to be completed in its entirety by the Contractor/District Tech when proposing any waste, borrow, or staging area or any work outside the defined Contract construction limits.
- Submit to Karen Spooner: karen.spooner@state.vt.us, Phone: (802)828-2169, Fax: (802)828-2334, VTrans Program Development Division, Environmental Section, One National Life Drive, Montpelier, VT 05633-5001
- Submit a copy to the Resident Engineer
- Allow 21 calendar days (see Section 103.25 (c) of the VTrans Standard Specifications For Construction) for review once the application is administratively complete.

**received**  
3.23.15

#### SUBMITTAL INFORMATION

Project Name/District: BURKE BRP 0219 (13) 2 sites Contractor/District Tech: T BUCK CONSTRUCTION  
 Contact: Brian Dwyer Phone: 207-783-6223 Fax: 207-783-3970 E-mail: bemmons@TBUCKCON.NET  
 Resident Engineer: KEVIN MCCLURE Phone: CELL 802-917-4624

#### PROPOSAL INFORMATION (Select one type of area being proposed for use per submittal and describe associated characteristics)

Waste  Borrow  Staging  Other (ex. dewatering location):  
 Material: Type (asphalt, concrete, earthen, etc.) TRAILS / MATERIALS Quantity (yds<sup>3</sup>) N/A  
 Total Area of Land Disturbance (sq ft) 3000 +/-  
 Additional Info: Rebar

#### LANDOWNER/PROPERTY INFO (Fill all applicable boxes; attach a Location Map and Sketch of Area)

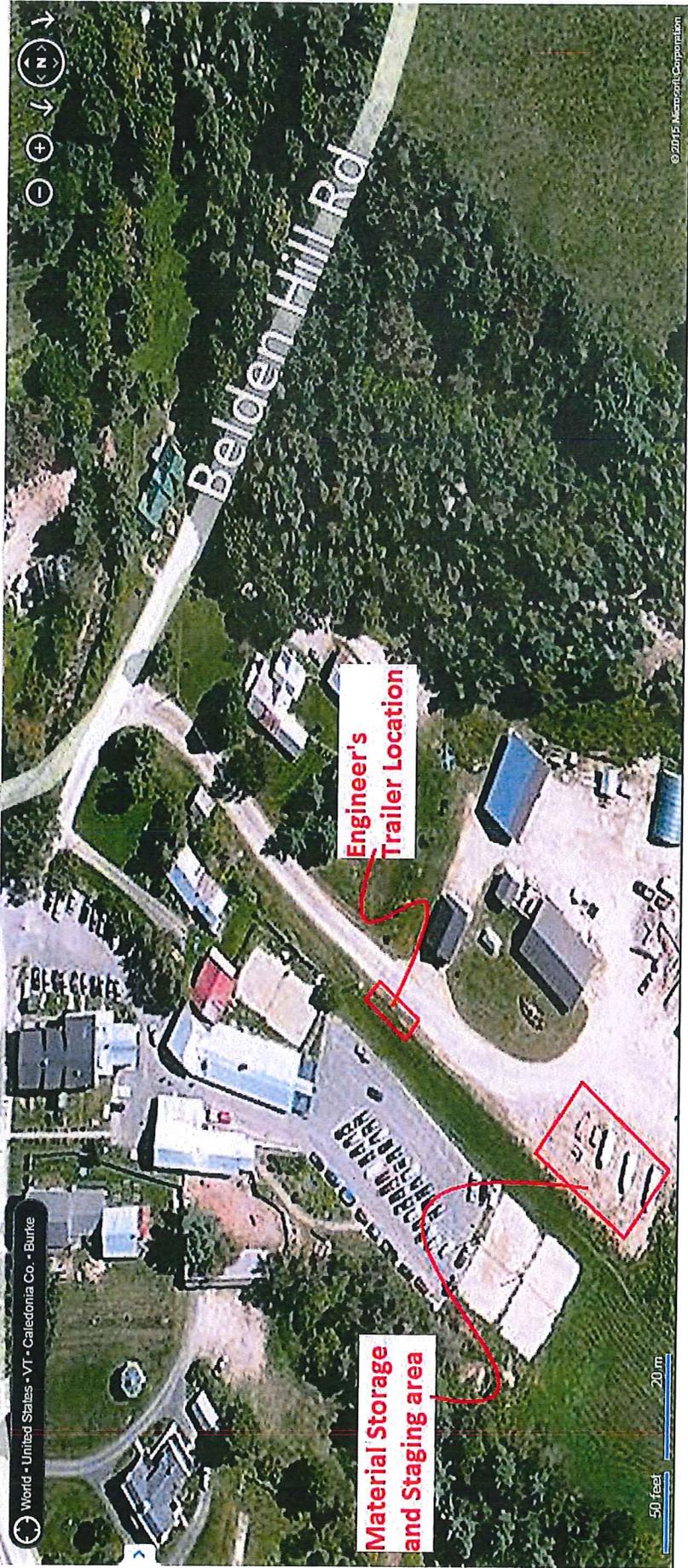
Name: Mike Mathers Address: PO Box 276 Phone: 802-626-9944  
 Print Name: 44 Beldon Hill Rd., Burke, VT  
 Private Residential/Commercial  Town/State Owned Facility  Other  
 Additional Info: \_\_\_\_\_  
 Are there other users of this site?  Yes  No  
 Known past uses: Gravel Pit  
 Location Map (must be USGS Geological Survey Map (7.5'))  
 Sketch of Area:  North arrow  Approx scale  Recognizable features  
 Permit Info:  
 Act 250 Permit Exists?  Yes  No If Yes, # \_\_\_\_\_ Copy Enclosed?  Yes  No  
 List of Other Existing Permits: \_\_\_\_\_

*Handwritten notes on yellow sticky:*  
 ✓ Town site is in?  
 ✓ Quantity + type of materials stored?  
 ✓ Site dimensions?  
 Rec'd 3/23/15

#### Landowner Agreement (Signature is required for all private-, town-, and state-owned properties)

I, Michael D. Mathers, warrant that the information in the above permit application is accurate.  
 Landowner/Utility Manager Signature  
 to the use of the proposed area by TBUCK as shown on the attached sketch. If acting as the agent of  
 Name of Contractor  
 the Landowner, I warrant (1) that the Landowner has the full right, power, and authority to authorize the proposed use, (2) that I am authorized to act as the Landowner's agent, and (3) that my authority to act as the Landowner's agent has not been revoked.  
 Date: 3/13/15

**This clearance is for the Natural and Cultural Resources Only.**



Engineer's Trailer Location

Material Storage and Staging area

World - United States - VT - Caledonia Co. - Burke

50 feet 20 m

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# OFF-SITE ACTIVITY REVIEW



## VTRANS ENVIRONMENTAL RESOURCE REVIEW

Project/District Name: Burke BRF 0269 (33) Proposed Area Name: Mathers

Waste

Borrow

Staging

X: 544092.49 Y: 232020.69 (NAD83, meters)

**TRAILER**

### Natural Resource Review

Reviewer: John Lepore

X Accepted

Rejected

Date 23-MAR-2015

Signature [Signature]

Comments \_\_\_\_\_

### Cultural Resource Review

Reviewer: Brennan Gauthier

Accepted

Rejected

Date 3/24/15

Signature [Signature]

Comments \_\_\_\_\_

~~The Site has been REJECTED for use at this time~~

~~The Contractor is advised to:~~

~~Seek another site for use~~

~~Hire an Environmental firm to \_\_\_\_\_~~

~~Hire an Archeological consultant to clear Section 106 issues~~

X **This site has been ACCEPTED** (Site does not warrant any special conditions)

**This site has been ACCEPTED with the following conditions:**

Maintain a minimum buffer of \_\_\_\_\_ feet from \_\_\_\_\_

Orange fencing must be installed to protect nearby resources \_\_\_\_\_

Materials must be placed on geotextile fabric

Flood Hazard Area present - Use of this site expires 180 days from date of this authorization

Use of this site must comply with applicable local/state/federal permitting regulations including but not limited to:

Other: \_\_\_\_\_

The VT ANR Low Risk Site Handbook for EPSC measures should be used as a minimum measure for best management practices at waste, borrow and staging sites.

A copy of this Review has been faxed to the Resident Engineer/District Tech

x Yes  No

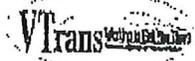
A copy of this Review has been delivered to the Construction Env Eng (CEE)

x Yes  No

This site may be subject to further review by the Construction Environmental Engineer. Please contact the CEE prior to use of this site.

**This clearance is for the Natural and Cultural Resources Only.**

### OFF-SITE ACTIVITY SUBMITTAL



- This form is to be completed in its entirety by the Contractor/District Tech when proposing any waste, borrow, or staging area or any work outside the defined Contract construction limits.
- Submit to Karen Spooner: karen.spooner@state.vt.us, Phone: (802)828-2169, Fax: (802)828-2334, VTrans Program Development Division, Environmental Section, One National Life Drive, Montpelier, VT 05633-5001
- Submit a copy to the Resident Engineer
- Allow 21 calendar days (see Section 105.25 (c) of the VTrans Standard Specifications For Construction) for review once the application is administratively complete.

received  
3-23-15

#### SUBMITTAL INFORMATION

Project Name/District: BURKE BRF 0269(31) Contractor/District Tech: T BUCK CONSTRUCTION  
 Contact: REJAN DYMERS Phone: 207-783-6623 Fax: 207-783-3970 E-mail: REJAN@TBUCKCON.NET  
 Resident Engineer: KEVIN MCCLURE Phone: CELL 802-917-4624

#### PROPOSAL INFORMATION (Select one type of area being proposed for use per submittal and describe associated characteristics)

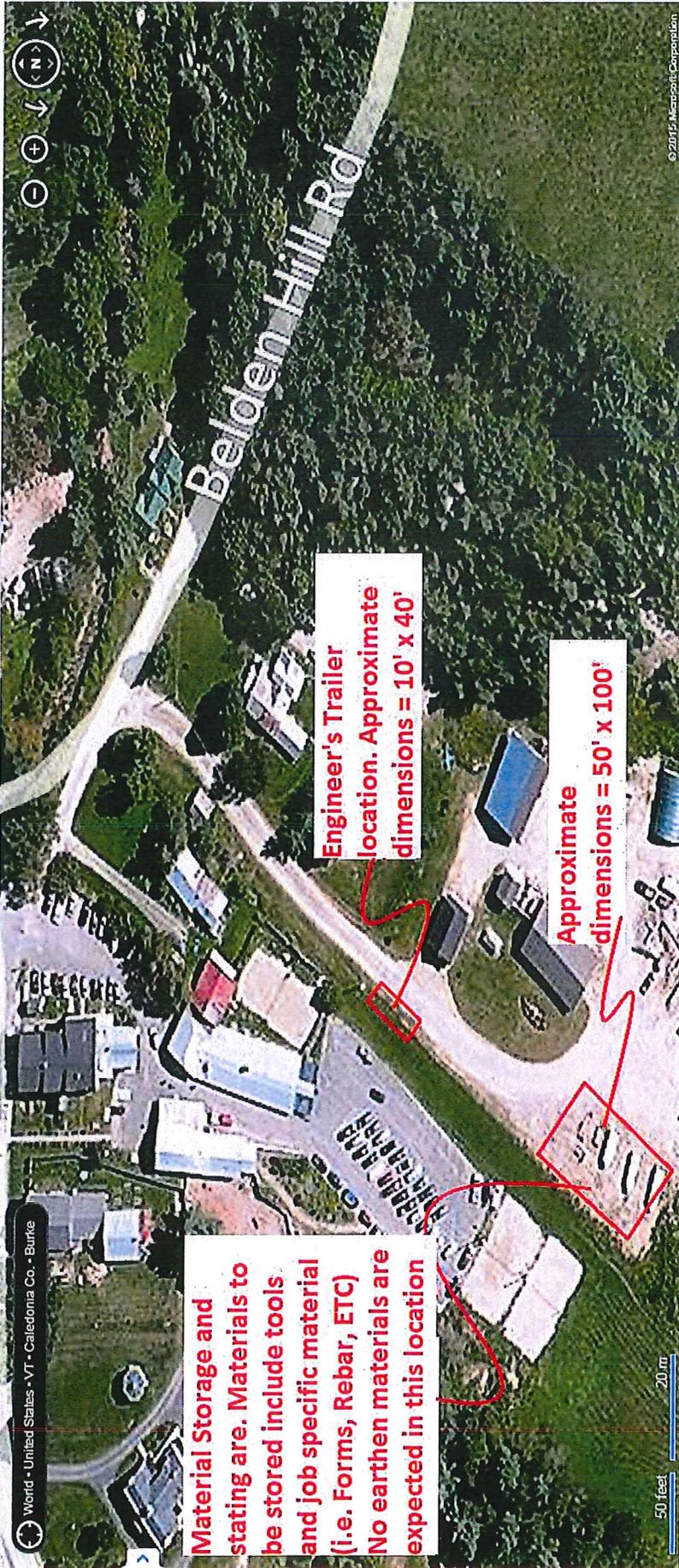
Waste  Borrow  Staging  Other (ex. dewatering location);  
 Material: Type (asphalt, concrete, earthen, etc.) TRAILERS / MATERIALS Quantity (yds<sup>3</sup>) N/A  
 Total Area of Land Disturbance (sq ft) 3000 +/- (Tools, rebar, forms)  
 Additional Info: PHYSICAL ADDRESS = 44 BELDON HILL RD., BURKE, VT.

#### LANDOWNER/PROPERTY INFO (Fill all applicable boxes; attach a Location Map and Sketch of Area)

Name: Mike Mathers Address: PO Box 276 Phone: 802-626-9944  
 Print Name  
 Private Residential/Commercial  Town/State Owned Facility  Other  
 Additional Info:  
 Are there other users of this site?  Yes  No  
 Known past uses: Gravel Pit  
 Location Map (must be USGS Geological Survey Map (7.5'))  
 Sketch of Area:  North arrow  Approx scale  Recognizable features  
 Permit Info:  
 Act 250 Permit Exists?  Yes  No If Yes, # \_\_\_\_\_ Copy Enclosed?  Yes  No  
 List of Other Existing Permits: \_\_\_\_\_

**Landowner Agreement** (Signature is required for all private-, town-, and state-owned properties)  
 I, Michael D Mathers, warrant that the information in the above permit application is accurate and agree  
 Landowner/Facility Manager Signature  
 to the use of the proposed area by TBUCK as shown on the attached sketch. If acting as the agent of  
 Name of Contractor  
 the Landowner, I warrant (1) that the Landowner has the full right, power, and authority to authorize the proposed use, (2) that I am authorized to act as the Landowner's agent, and (3) that my authority to act as the Landowner's agent has not been revoked.  
 Date: 3/13/15

This clearance is for the Natural and Cultural Resources Only.



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**Material Storage and staging are. Materials to be stored include tools and job specific material (i.e. Forms, Rebar, ETC) No earthen materials are expected in this location**

**Engineer's Trailer location. Approximate dimensions = 10' x 40'**

**Approximate dimensions = 50' x 100'**

50 feet

20 m

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**received**  
3.23.15