

KUBRICKY CONSTRUCTION CORP.
269 BALLARD ROAD

WILTON, NY 12831
518 792-5864



Rutland City BRF 3000 (2014036)
SUBMITTAL 16

Issued 11/13/14

To

Timothy Pockette, PE

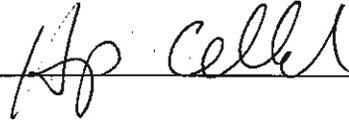
Topic EPSC Plan for BR2 Site
Status For Approval
Spec section 652.10
Sent to approver 11/13/14
Required from approver 11/17/14

Per Special Provision 652 VTrans
has 10 business days to review the
submitted EPSC Plan.

From

HARPER T CALLAHAN

Signed by



Date

11/13/14

Proceed as Indicated

Date

Owner Authorized Representative

EROSION PREVENTION AND
SEDIMENTATION CONTROL NARRATIVE
RUTLAND CITY BR# 3000(16)
CITY OF RUTLAND, VERMONT
November 12, 2014

Modifications to the EPSC Narrative are as follows:

3 CONSTRUCTION SEQUENCE

Construction sequence will follow the general contractor's complete schedule for additional

The proposed sequencing is different than what is shown in Contract EPSC Plan Narrative. You must edit the Narrative to be consistent with your proposed sequencing per the requirements of the Construction General Permit.

3.1 General Practice for each stage of construction:

- Establish perimeter control and mark areas, such as wetlands and riparian
- Establish sediment control measures
- Clear and grub
- Stabilize temporary slopes
- Begin cut and fill operations
- Stabilize ditches
- Install temporary stabilization and EPSC measures as work progresses.

3.2 Construct Pier:

- Construct access to pier
- Install drilled shaft for pier
- Construct hammerhead for pier

3.3 Construct Abutment 2:

- Excavate to footing elevation for abutment 2
- Drive piles
- Construct footing and stem for abutment 2
- Backfill

3.4 Construct Abutment 1:

- Install temporary construction signage
- Close Dorr Street
- Install coffer dam for abutment 1
- Excavate to footing elevation
- Drive piles
- Construct footing and stem
- Backfill
- Open Dorr Street to traffic

3.5 River Street Roadway and Utilities:

- Adjust temporary construction signage
- Close River Street
- Install utilities
- Complete road work

- Open River Street
- 3.6 Install Superstructure:
 - Erect structural steel
 - Form and place concrete deck
 - Relocate sewer and water lines to new structure
- 3.7 Construct Approaches:
 - Construct retaining wall along west side of Dorr Street
 - Construct approaches
 - Open River Street to traffic
- 3.8 Demolish Old Structure:
 - Demolish old bridge
 - Complete construction of drainage swales
 - Complete site restoration and permanent erosion control measures.

6 Waste, Borrow and Staging Areas

The off-site activities consist of storage of excavated materials, storage of backfill materials and staging. These activities are located the following properties:

Area 1: Waste

Owner: Elnicki Aggregate, Inc.

Location: This area is located at 1358 Cold River Road in Clarendon, VT, approximately 3.7 miles southeast of the project site. This located will be used as a waste site. Refer to attached Off-Site Activity Submittal form and Off-Site Activity Exemption record.

Area 2: Equipment Storage

Owner: Greg Cox

Location: This area is located at 251 West Rutland Street, approximately 0.5 miles northeast of the project site. Storage of equipment will be contained in an existing pole barn on site. The contractor's and engineer's project offices will be located on this property in a separate existing building.

7 Winter Construction Requirements

6.m Refer to erosion control plans for proposed snow storage locations.

8 Contact Information

- 1) On-site Plan Coordinator:
Thomas Nassivera
Kubricky Construction Corporation

OSPC- What qualifications does Thomas in order to be considered to be responsible for the environmental elements of this project?

269 Ballard Road
Wilton, NY 12801
518-361-1222

Tom Nassivera will be onsite on a daily basis as the project superintendent responsible for the activities of Kubricky Construction Corporation. As the on-site plan coordinator, Tom will be responsible for completing the EPSC Plan Inspection Report.

- 2) Plan Preparer:
Timothy P. Knapp, PE
Dufresne Group
PO Box B
Windsor, Vermont
802-674-2904
tknapp@dufresnegroup.com

Timothy Knapp is a VT registered Professional Engineer and is familiar with the VT Standards and Specifications for Erosion Prevention and Sediment Control, the VAOT Standard Specifications for Construction and the project's Special Provisions and permits.

- 9 Schedule: Refer to project schedule submitted by Kubricky Construction Corp.
- 10 Inspection Form: The EPSC Plan Inspection Report generated by VTrans will be utilized for this project.

The EPSC Plan Inspection Report must be that which is generated from ANR for Moderate Risk projects not the VTrans form.

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.

SUBMITTAL INFORMATION

Project Name/District: _____ Contractor/District: _____
 Contact: _____ Phone: _____ Fax: _____
 Resident Engineer: _____ Phone: _____ Fax: _____

The Off-Site Activity Submittal form is not complete and the site must be cleared through the VTrans Environmental Unit per Specification 105.25 prior to use.

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 / 40.00 Quantity (yds³) 3000 + CY/SS
 Total Area of Land Disturbance (sq ft) _____
 Additional Info: _____

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

Name: Elnicki Aggregate, Inc. Address: 49 Water St. Rutland, VT 05701 Phone: 802-775-7727
 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 & sand extraction & processing
 Location Map (must be USGS Geological Survey Map (7.5'))
 Sketch of Area: North arrow Approx scale Remarkable features
 Permit Info:
 Act 250 Permit Exists? Yes No If Yes, # 1R0547-1R0547-2 Copy Enclosed? Yes 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 Chauvin Construction 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: 11/6/14

This clearance is for the Natural and Cultural Resources Only.

OFF-SITE ACTIVITY EXEMPTION RECORD



To be completed by the Contractor and filed with the Resident Engineer.
Check the appropriate exemption category from the boxes below.

Staging Area Exemptions

The placement of construction trailers, equipment, and/or non-erodible materials

- On existing paved or gravel surfaces which will not require any additional earth disturbance (not in Special Flood Hazard Areas or Fish and Wildlife Management access areas).

Borrow Site Exemptions

- Existing, in-use gravel pits which have an Act 250 Permit as long as the use does not modify the conditions of said permit (Act 250 Permit # provided by Contractor)
- Existing, in-use, commercial gravel pits that are "Grandfathered" from the Act 250 Permit Review Process as long as a landowner signature is provided
- Inter-project Material Usage - The use of surplus materials from one project as borrow for another in which the owner and contractor are the same in both projects and neither involve work outside the respective contract construction limits

Waste Disposal Exemptions

- The use of project generated Solid Wastes to build the same project, or another project owned by the same entity
- Batch plants for recycling of materials and subsequent re-use
- The disposal of any (erodible or non-erodible) materials in an existing shed at any public transportation facility to which the material will be stored for later re-use
- Existing, in-use gravel pits which have an Act 250 Permit as long as the use does not modify the conditions of said permit (Act 250 Permit # provided by Contractor)
- Existing, in-use, commercial gravel pits that are "Grandfathered" from the Act 250 Permit Review Process as long as a landowner signature is provided
- Inter-project Material Usage - The use of surplus materials from one project as borrow for another in which the owner and contractor are the same in both projects and neither involve work outside the respective contract construction limits
- The disposal of hazardous materials at a facility which has been reviewed and approved by the Agency's Hazardous Materials Specialist

Project Name: Rutland Bridge Project

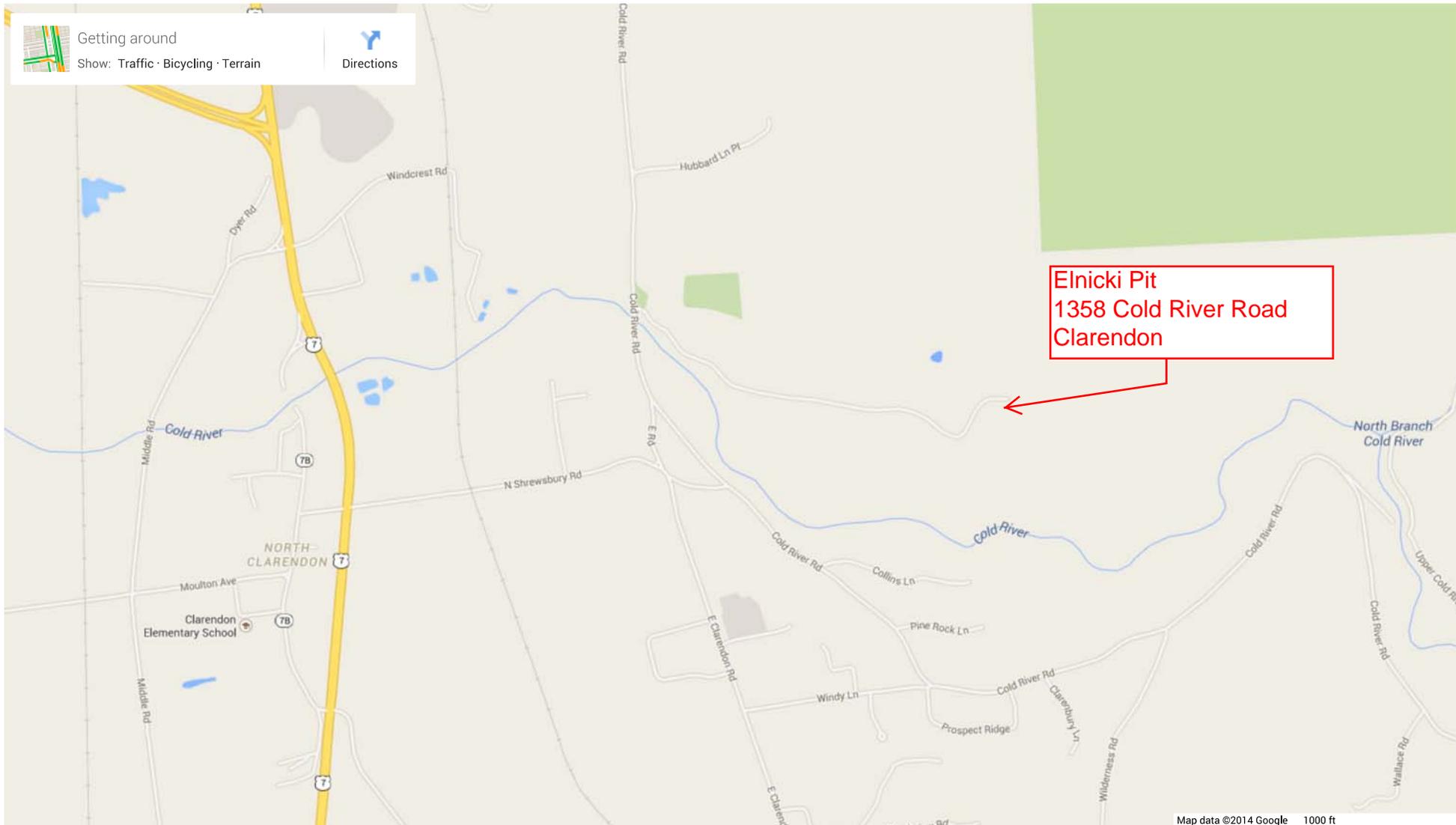
Proposed Area Name: _____

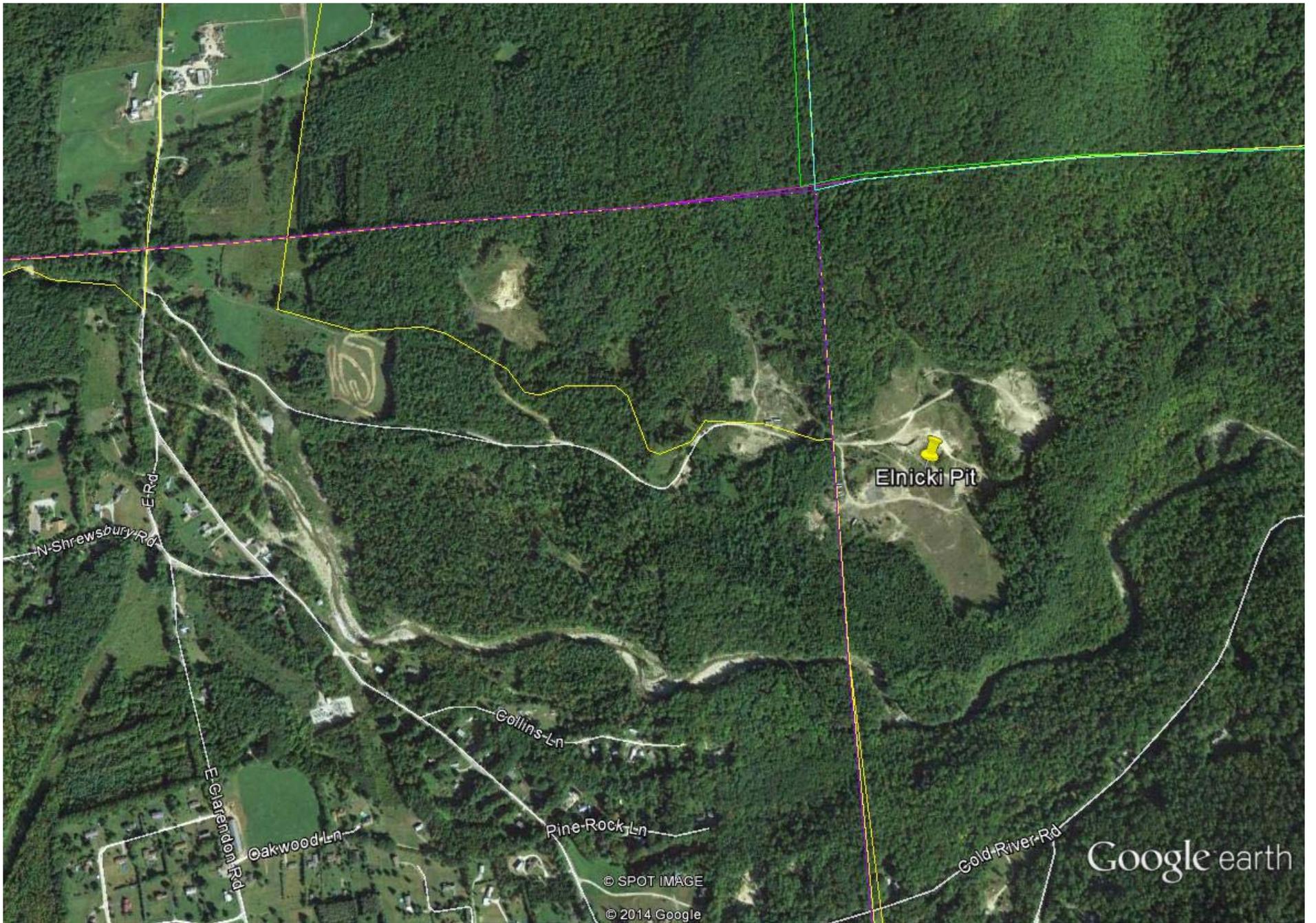
Contractor Signature: 

Act 250 Permit # (for Existing, In-use sites) 1R0567 thru 1R0567-2

Act 250 Grandfathered Signature _____
(Owner or authorized representative)

Off-Site Activity Exemption Record- What property is this? This form is difficult to read. Please resubmit completed and legible.





Google earth



OFF-SITE ACTIVITY EXEMPTION RECORD



To be completed by the Contractor and filed with the Resident Engineer.
Check the appropriate exemption category from the boxes below.

Staging Area Exemptions

The placement of construction trailers, equipment, and/or non-erodible materials

- On existing paved or gravel surfaces which will not require any additional earth disturbance (not in Special Flood Hazard Areas or Fish and Wildlife Management access areas).

Borrow Site Exemptions

- Existing, in-use gravel pits which have an Act 250 Permit as long as the use does not modify the conditions of said permit (Act 250 Permit # provided by Contractor)
- Existing, in-use, commercial gravel pits that are "Grandfathered" from the Act 250 Permit Review Process as long as a landowner signature is provided
- Inter-project Material Usage - The use of surplus materials from one project as borrow for another in which the owner and contractor are the same in both projects and neither involve work outside the respective contract construction limits

Waste Disposal Exemptions

- The use of project generated Solid Wastes to build the same project, or another project owned by the same entity
- Batch plants for recycling of materials and subsequent re-use
- The disposal of any (erodible or non-erodible) materials in an existing shed at any public transportation facility to which the material will be stored for later re-use
- Existing, in-use gravel pits which have an Act 250 Permit as long as the use does not modify the conditions of said permit (Act 250 Permit # provided by Contractor)
- Existing, in-use, commercial gravel pits that are "Grandfathered" from the Act 250 Permit Review Process as long as a landowner signature is provided
- Inter-project Material Usage - The use of surplus materials from one project as borrow for another in which the owner and contractor are the same in both projects and neither involve work outside the respective contract construction limits
- The disposal of hazardous materials at a facility which has been reviewed and approved by the Agency's Hazardous Materials Specialist

Project Name: Rutland City BRF 3000(19) + BRF 3000(16)

Off-Site Activity Record for 251 West Road not complete. You must provide a signature.

Office + Staging Area at 251 West Rd. Rutland, VT

Landowner Signature: Greg Cox: (802) 683-4606

Act 250 Permit # (for Existing, In-use sites) N/A

Act 250 Grandfathered Signature N/A (Owner or authorized representative)-

Submitted by: Harper Callahan
Kubricky Const. 11/13/14



Google earth

feet
meters



KUBRICKY CONSTRUCTION CORP
269 BALLARD ROAD

WILTON, NY 12831
518 792-5864



KUBRICKY CONSTRUCTION CORP.
A PROUD MEMBER OF THE J.A. COLLINS™ COMPANIES
In Equal Opportunity Employer

Rutland City BRF 3000 (2014036)
SUBMITTAL 1.1

Issued 11/10/14
Respond by 11/14/14

To

Timothy Pockette, PE

Topic	Revised CPM Schedule
Status	For Approval
Spec section	900.620
Reference	CPM Schedule Resubmittal
Sent to approver	11/10/14
Required from approver	11/14/14

From

Volker Burkowski

Signed by

Date

11/10/14

Proceed as Indicated

Owner Authorized Representative

Date

P.O. Box 3202
Glens Falls, New York 12801-7202
518.792.5864 Phone
518.792.2458 Fax



KUBRICKY CONSTRUCTION

November 10, 2014

VAOT Resident Engineer
Southwest Regional Const.
1635 US Route 4
Mendon, VT 05701
Attention: Tim Pockette, P.E.

RE: BRF3000 Rutland City
Construction Project Chart Revisions

Dear Tim,

Please review the following clarifications to your letter (10/29/14 - Mark Mackintosh, P.E.) concerning our CPM schedule (these responses are number to correspond with the comments in the 10/29/14 letter):

1. The ID #'s are not sequence numbers and are forced out of order based on the schedule logic.
2. Holidays have been accounted for in the project calendar as non work days. The holidays described in SP #19A are 1.5 days each. Is it the intent of VTrans to show numerous three day weekends on the schedule? If so can you define these periods as described in SP #19A?
3. Fixed the formatting of Contract Item Number and Quantity to separate the numbers.
4. The Dorr Road detour dates are shown under the *River Street Start-up* heading (ID # 167 & 168). The Ripley Road detour dates are shown under the heading *Ripley Road Start-up* (ID # 264 & 261).
5. Milestone dates are shown under the heading Administrative (ID # 8 & 12).
6. Fixed stone wall duration.
7. Added missing submittals to the CPM under the *Submittals* heading.
8. Water Repellant will be applied in accordance with the specifications and manufacturers recommendations (this will include applying within a heated enclosure were necessary). Water Repellant added to Abutment 1 and the River Street Superstructure.

9. ID #206 includes 4 piles at abutment 2. Based on the borings and our past experience we have bid this work to install each of the 65' long piles in two and a half hours. Our schedule reflects this production rate.
10. ID #169 is a tremie seal at the bottom of the cofferdam (changed description to *Tremie Seal Cofferdam*). This cannot be poured until the cofferdam is excavated and the piles are driven. This will be similar to the pier cofferdam at Ripley Road.
11. Added cure times following all pours. Added testing of sewer and waterline.
12. Fixed seeding to meet seasonal limitations.
13. Paving, line striping, signs, etc. are all shown under the *River St/Ripley Roadwork* heading. The joint seal task is the last item of superstructure work not final project item.
14. There is no cofferdam in the contract for work at this location. The work for the drilled shaft will be performed within two temporary steel casings. The oversized outer casing will be used to contain any material that falls outside of the shaft casing. Installation time for both casings is included under the *River Street Pier* heading.
15. Special Provision #4 states that drilled shaft work will be allowed during the seasonal closure period. It does not put any limits on the work that we can request in accordance with 108.09 (d). In the interest of progressing the job, and following all VTrans specifications concerning cold weather concrete, if conditions are favorable we will request to complete this work immediately following the drilled shaft work.
16. Moved stone work at River St Pier to be completed within permit dates.
17. Pushed start date of Dorr Drive detour to 1/5/16.
18. All forming and pouring of concrete will be performed in conformance with VTrans curing and loading specifications.
19. Placed Abutment 1 Stone fill within permit restrictions.
20. Added Notification for start of water and sewer work at River St.
21. Fixed joint sealer sequence.
22. Fixed sidewalk/detectable warning paver sequence.
23. Fixed waterproof membrane/paving top course on bridge sequence.
24. Show top course pavement at River Street in the fall of 2015.
25. Moved items for demo pier, demo abutments, and place stone fill/remove causeway within permit requirements.
26. Ripley causeway submittal shown under heading *Submittals*.
27. Work at the Ripley abutments is shown starting outside the season work limits (1 Dec - 15 Apr). The bottom of the footings is two feet higher than OHW and over 15' offset from the edge of Otter Creek at OHW. This work is not in-stream and therefore should not be limited to the July 1 to October 1 permit restriction.
28. Added Notification for start of water and sewer work at Ripley Road.
29. Cofferdam submittal listed under heading *Submittals*.
30. All forming and pouring of concrete will be performed in conformance with VTrans curing and loading specifications.
31. All forming and pouring of concrete will be performed in conformance with VTrans curing and loading specifications.
32. All forming and pouring of concrete will be performed in conformance with VTrans curing and loading specifications.

Please find the attached revised schedule based on the changes noted above.

Thank you for reviewing these comments and the revised CPM Schedule and please call with any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read 'Volker Burkowski', with a stylized flourish at the end.

Volker Burkowski

Project Manager

KCC

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantity	2015												2016												2017											
									Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
265		Ripley Road Substructures	276.88 days	6/29/15	8/3/16				0%																																			
328		Ripley Pier	58 days	6/29/15	9/21/15				0%																																			
329		Tubidity Curtain	2 days	6/29/15	7/1/15	222	649.61	650	0%																																			
330		Build Ripley Causeway	3 days	7/1/15	7/7/15	329,32	900.645	1	0%																																			
331		Drive Sheeting for Cofferdam	6 days	7/7/15	7/15/15	330,31	208.40	1	0%																																			
332		Excavate Cofferdam Earth	4.5 days	7/15/15	7/21/15	331	208.30	330	0%																																			
333		Excavate Cofferdam Rock	1.5 days	7/22/15	7/23/15	332	208.35	30	0%																																			
334		Install Cofferdam Bracing	3 days	7/23/15	7/28/15	333			0%																																			
335		Mob. Equipment for Pile Driving	1 day	7/28/15	7/29/15	334	504.10	0.17	0%																																			
336		Drive Test Pile	0.5 days	7/29/15	7/29/15	335	505.20	51	0%																																			
337		Dynamic Pile Load Test	1 day	7/30/15	7/30/15	336	505.45	1	0%																																			
338		Drive Piles at Pier	4 days	7/31/15	8/5/15	337	505.20	663	0%																																			
339		Pour Cofferdam Seal	1 day	8/6/15	8/6/15	338	541.31	200	0%																																			
340		Dewater Cofferdam	1 day	8/7/15	8/7/15	339			0%																																			
341		Cut-Off Piles	0.5 days	8/10/15	8/10/15	340			0%																																			
342		Form Pier Footing	2.5 days	8/10/15	8/12/15	341			0%																																			
343		Rebar for Pier Footing	2 days	8/13/15	8/14/15	342	507.11	9810	0%																																			
344		Pour Pier Footing	1 day	8/17/15	8/17/15	343	501.34	62	0%																																			
345		Cure Pier Footing	7 days	8/18/15	8/24/15	344			0%																																			
346		Form Pier Stem	6 days	8/18/15	8/25/15	344			0%																																			
347		Rebar for Pier Stem	2.75 days	8/26/15	8/28/15	346	507.11	5820	0%																																			
348		Rebar for Pier Stem	0.25 days	8/28/15	8/28/15	347	507.12	65	0%																																			
349		Pour Pier Stem	1 day	8/31/15	8/31/15	348	501.34	100	0%																																			
350		Cure Pier Stem	7 days	9/1/15	9/7/15	349			0%																																			
355		Form Pedestals	0.5 days	9/1/15	9/1/15	349			0%																																			
356		Pour Pedestals	0.25 days	9/1/15	9/1/15	355	501.34	0.75	0%																																			
357		Cure Pedestals	7 days	9/1/15	9/8/15	356			0%																																			
351		Backfill Pier Stem	1 day	9/8/15	9/8/15	350	204.30	100	0%																																			
358		Set Bearings	0.5 days	9/8/15	9/9/15	356,357			0%																																			
352		Remove Cofferdam Bracing	2 days	9/9/15	9/10/15	351			0%																																			
353		Pull Cofferdam Sheeting	6 days	9/11/15	9/18/15	352			0%																																			
354		Place Stone Fill	0.5 days	9/21/15	9/21/15	353	613.12	50	0%																																			
266		Ripley Abutment 1	69.38 days	4/19/16	7/27/16				0%																																			
267		Excavate for Abutment 1	1 day	4/19/16	4/19/16	264	204.25	160	0%																																			
268		Mob. Pile Driving Equipment	1 day	4/20/16	4/20/16	267	504.10	0.17	0%																																			
269		Drive Test Pile	0.5 days	4/21/16	4/21/16	268	505.19	41	0%																																			
270		Dynamic Pile Load Test	1 day	4/21/16	4/22/16	269	505.45	1	0%																																			
271		Drive Piles for Abutment 1	5.5 days	4/22/16	4/29/16	270	505.19	902	0%																																			
272		Cut-Off Piles	1 day	5/2/16	5/2/16	271			0%																																			
273		Form Abutment Footing	2 days	5/3/16	5/4/16	272			0%																																			
274		Rebar for Abutment Footing	2 days	5/5/16	5/6/16	273	507.11	4710	0%																																			
275		Pour Abutment Footing	1 day	5/9/16	5/9/16	274	501.34	70	0%																																			
276		Cure Abutment Footing	7 days	5/10/16	5/16/16	275			0%																																			
277		Form 1 Seat/WW	4 days	5/10/16	5/13/16	275			0%																																			
278		Rebar 1 Seat/WW	2 days	5/16/16	5/17/16	277	507.11	2250	0%																																			

Vermont Agency of Transportation
Bridge Project City of Rutland
BRF 3000 (16 & 19)

Critical	Split	Finish-only	Baseline Milestone	Manual Summary	Inactive Task
Critical Split	Task Progress	Duration-only	Milestone	Project Summary	Inactive Milestone
Critical Progress	Manual Task	Baseline	Summary Progress	External Tasks	Inactive Summary
Task	Start-only	Baseline Split	Summary	External Milestone	Deadline

