

KUBRICKY CONSTRUCTION CORP.
269 BALLARD ROAD

WILTON, NY 12831
518 792-5864



Rutland City BRF 3000 (2014036)
SUBMITTAL 66.1

Issued 10/13/15
Respond by 10/16/15

To

Timothy Pockette, PE

Topic	208.40 Ripley Road Pier Cofferdam Dewatering Plan
Status	For Approval
Spec section	208.40
Responsibility	(19) Ripely Road
Sent to approver	10/13/15
Required from approver	10/16/15

Message

Tim,
To handle dewatering at the Ripley Road Pier Cofferdam we propose the following:

We are currently observing that the rate of settlement of the sediment within the cofferdam is producing similar turbidity readings inside and outside of the sheeting. We propose to take turbidity readings upstream of the project site and then within the cofferdam. If the readings within the cofferdam are less than 25 ntu we propose to dewater directly back into Otter Creek (within the turbidity curtain). We will then monitor the turbidity downstream and cease pumping into the creek if we observe a rise in turbidity from the upstream reading. We will then pump the remainder of the cofferdam water into the filter bag as shown in drawing EC7 and EC17 of our approved EPSC plan (attached).

Thank you for reviewing this plan,
Volker

From

Volker H.D. Burkowski

Signed by 

Date 10/13/16

Proceed as Indicated _____
Owner Authorized Representative

Date _____



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DATE	REVISIONS	BY

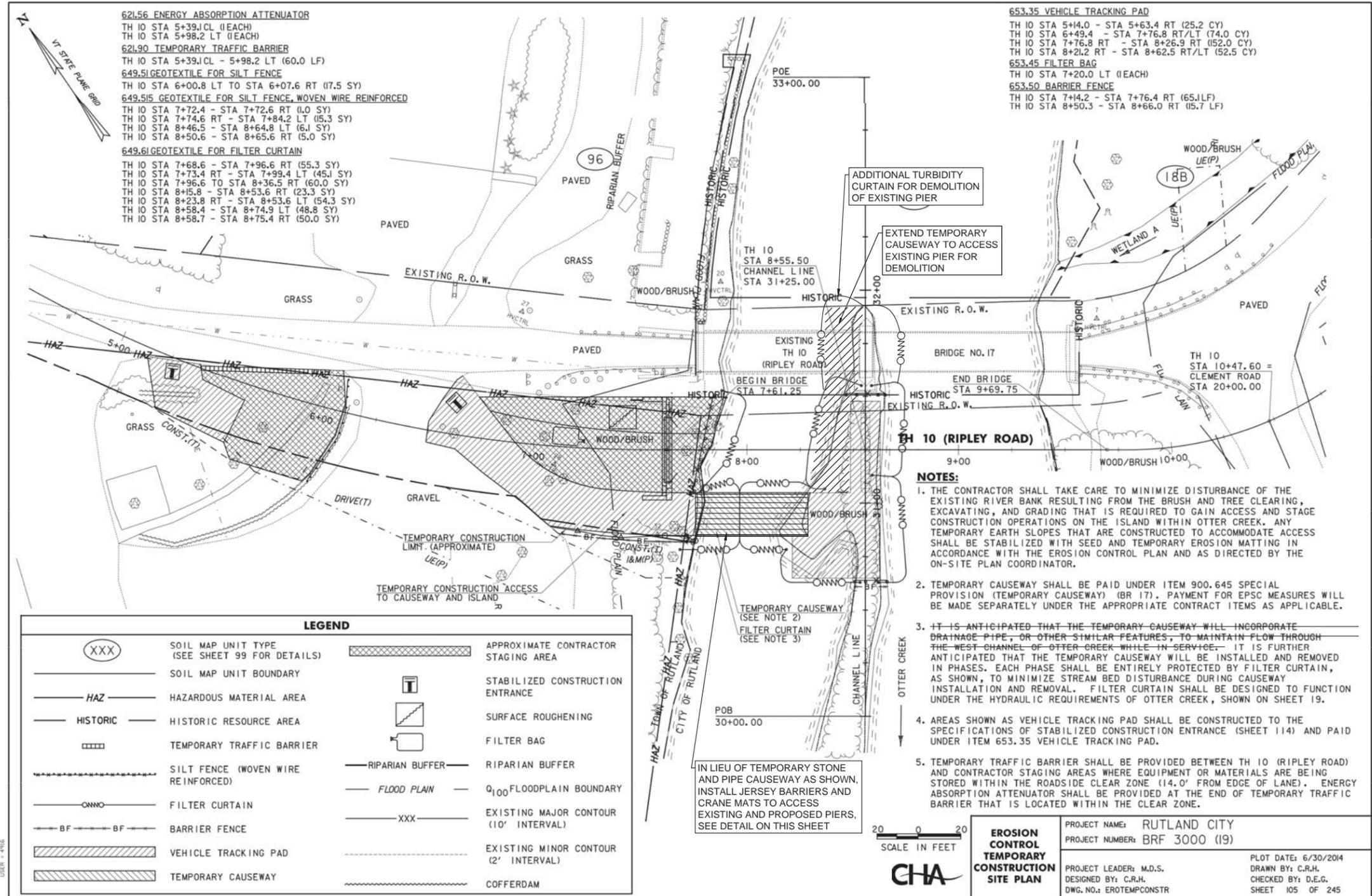
RUTLAND CITY
BRF 3000 (19)

EROSION CONTROL PLAN 1

CITY OF RUTLAND, VERMONT

Project #	---
Project Mgr.	TPK
Design by	TPK
Drawn by	TPK
Reviewed by	NRJ
Approved by	TPK
Date	JUNE 15, 2015
Scale	AS SHOWN

EC7



- 621.56 ENERGY ABSORPTION ATTENUATOR
TH 10 STA 5+39.1 CL (1 EACH)
TH 10 STA 5+98.2 LT (1 EACH)
- 649.90 TEMPORARY TRAFFIC BARRIER
TH 10 STA 5+39.1 CL - 5+98.2 LT (60.0 LF)
- 649.51 GEOTEXTILE FOR SILT FENCE
TH 10 STA 6+00.8 LT TO STA 6+07.6 RT (7.5 SY)
- 649.51S GEOTEXTILE FOR SILT FENCE, WOVEN WIRE REINFORCED
TH 10 STA 7+72.4 - STA 7+72.6 RT (1.0 SY)
TH 10 STA 7+74.6 RT - STA 7+84.2 LT (15.3 SY)
TH 10 STA 8+46.5 - STA 8+64.8 LT (6.1 SY)
TH 10 STA 8+50.6 - STA 8+65.6 RT (5.0 SY)
- 649.61 GEOTEXTILE FOR FILTER CURTAIN
TH 10 STA 7+68.6 - STA 7+96.6 RT (55.3 SY)
TH 10 STA 7+73.4 RT - STA 7+99.4 LT (45.1 SY)
TH 10 STA 7+96.6 TO STA 8+36.5 RT (60.0 SY)
TH 10 STA 8+15.8 - STA 8+53.6 RT (23.3 SY)
TH 10 STA 8+23.8 RT - STA 8+53.6 LT (54.3 SY)
TH 10 STA 8+58.4 - STA 8+74.9 LT (48.8 SY)
TH 10 STA 8+58.7 - STA 8+75.4 RT (50.0 SY)

- 653.35 VEHICLE TRACKING PAD
TH 10 STA 5+14.0 - STA 5+63.4 RT (25.2 CY)
TH 10 STA 6+49.4 - STA 7+76.8 RT/LT (74.0 CY)
TH 10 STA 7+76.8 RT - STA 8+26.9 RT (52.0 CY)
TH 10 STA 8+21.2 RT - STA 8+62.5 RT/LT (52.5 CY)
- 653.45 FILTER BAG
TH 10 STA 7+20.0 LT (1 EACH)
- 653.50 BARRIER FENCE
TH 10 STA 7+14.2 - STA 7+76.4 RT (65.1 LF)
TH 10 STA 8+50.3 - STA 8+66.0 RT (15.7 LF)

ADDITIONAL TURBIDITY CURTAIN FOR DEMOLITION OF EXISTING PIER

EXTEND TEMPORARY CAUSEWAY TO ACCESS EXISTING PIER FOR DEMOLITION

NOTES:

1. THE CONTRACTOR SHALL TAKE CARE TO MINIMIZE DISTURBANCE OF THE EXISTING RIVER BANK RESULTING FROM THE BRUSH AND TREE CLEARING, EXCAVATING, AND GRADING THAT IS REQUIRED TO GAIN ACCESS AND STAGE CONSTRUCTION OPERATIONS ON THE ISLAND WITHIN OTTER CREEK. ANY TEMPORARY EARTH SLOPES THAT ARE CONSTRUCTED TO ACCOMMODATE ACCESS SHALL BE STABILIZED WITH SEED AND TEMPORARY EROSION MATTING IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
2. TEMPORARY CAUSEWAY SHALL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (TEMPORARY CAUSEWAY) (BR 17). PAYMENT FOR EPSC MEASURES WILL BE MADE SEPARATELY UNDER THE APPROPRIATE CONTRACT ITEMS AS APPLICABLE.
3. IT IS ANTICIPATED THAT THE TEMPORARY CAUSEWAY WILL INCORPORATE DRAINAGE PIPE, OR OTHER SIMILAR FEATURES, TO MAINTAIN FLOW THROUGH THE WEST CHANNEL OF OTTER CREEK WHILE IN SERVICE. IT IS FURTHER ANTICIPATED THAT THE TEMPORARY CAUSEWAY WILL BE INSTALLED AND REMOVED IN PHASES. EACH PHASE SHALL BE ENTIRELY PROTECTED BY FILTER CURTAIN, AS SHOWN, TO MINIMIZE STREAM BED DISTURBANCE DURING CAUSEWAY INSTALLATION AND REMOVAL. FILTER CURTAIN SHALL BE DESIGNED TO FUNCTION UNDER THE HYDRAULIC REQUIREMENTS OF OTTER CREEK, SHOWN ON SHEET 19.
4. AREAS SHOWN AS VEHICLE TRACKING PAD SHALL BE CONSTRUCTED TO THE SPECIFICATIONS OF STABILIZED CONSTRUCTION ENTRANCE (SHEET 114) AND PAID UNDER ITEM 653.35 VEHICLE TRACKING PAD.
5. TEMPORARY TRAFFIC BARRIER SHALL BE PROVIDED BETWEEN TH 10 (RIPLEY ROAD) AND CONTRACTOR STAGING AREAS WHERE EQUIPMENT OR MATERIALS ARE BEING STORED WITHIN THE ROADSIDE CLEAR ZONE (14.0' FROM EDGE OF LANE). ENERGY ABSORPTION ATTENUATOR SHALL BE PROVIDED AT THE END OF TEMPORARY TRAFFIC BARRIER THAT IS LOCATED WITHIN THE CLEAR ZONE.

IN LIEU OF TEMPORARY STONE AND PIPE CAUSEWAY AS SHOWN, INSTALL JERSEY BARRIERS AND CRANE MATS TO ACCESS EXISTING AND PROPOSED PIERS, SEE DETAIL ON THIS SHEET

SCALE IN FEET

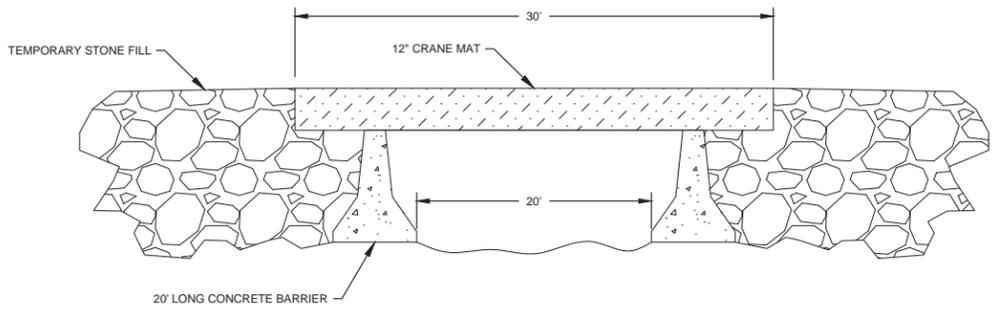


EROSION CONTROL TEMPORARY CONSTRUCTION SITE PLAN

PROJECT NAME:	RUTLAND CITY
PROJECT NUMBER:	BRF 3000 (19)
PROJECT LEADER:	M.D.S.
DESIGNED BY:	C.R.H.
DWG. NO.:	EROTEMPCONSTR
PLOT DATE:	6/30/2014
DRAWN BY:	C.R.H.
CHECKED BY:	D.E.G.
SHEET	105 OF 245

LEGEND

	SOIL MAP UNIT TYPE (SEE SHEET 99 FOR DETAILS)		APPROXIMATE CONTRACTOR STAGING AREA
	SOIL MAP UNIT BOUNDARY		STABILIZED CONSTRUCTION ENTRANCE
	HAZARDOUS MATERIAL AREA		SURFACE ROUGHENING
	HISTORIC RESOURCE AREA		FILTER BAG
	TEMPORARY TRAFFIC BARRIER		RIPARIAN BUFFER
	SILT FENCE (WOVEN WIRE REINFORCED)		0.100 FLOODPLAIN BOUNDARY
	FILTER CURTAIN		EXISTING MAJOR CONTOUR (10' INTERVAL)
	BARRIER FENCE		EXISTING MINOR CONTOUR (2' INTERVAL)
	VEHICLE TRACKING PAD		COFFERDAM
	TEMPORARY CAUSEWAY		



TEMPORARY PIER ACCESS:
NOT TO SCALE

NOTES:

1. BASE PLAN IS FROM RUTLAND CITY BRF 3000 (19) PLANS BY VAOT DATED 6/30/2014.
2. REFER TO VTRANS EPSC DETAIL SHEET 1 FOR STANDARD LEGEND.

