

# MILLER CONSTRUCTION, INC.

P.O. BOX 86 ASCUTNEY BLVD WINDSOR, VERMONT 05089-0086  
 TELEPHONE (802) 674-5525 / FAX (802) 674-5245

## TRANSMITTAL

TO: Kristin M. Higgins, PE Project Manager Vermont Agency of Transportation	DATE	PROJECT NO.
	3/7/2014	Barnard ER BRF 0241 (39)

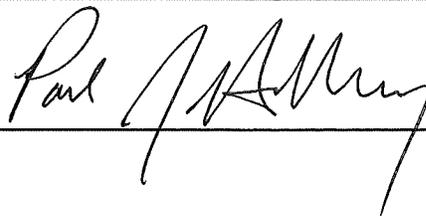
XX WE ENCLOSE THE FOLLOWING: \_\_\_\_\_ UNDER SEPARATE COVER WE ARE SENDING THE FOLLOWING

COPIES	NUMBER	DESCRIPTION	CODE
1		Schedule Narrative - Rev 2 - March	H
1		Schedule Dated 03-07-14	H

CODE:

- |   |                            |
|---|----------------------------|
| A FOR INITIAL APPROVAL                        | H FOR APPROVAL             |
| B FOR FINAL APPROVAL                          | I AS REQUESTED OR REQUIRED |
| C APPROVED AS NOTED-RESUBMISSION REQUIRED     | J FOR USE IN ERECTION      |
| D APPROVED AS NOTED-RESUBMISSION NOT REQUIRED | K LETTER FOLLOWS           |
| E DISAPPROVED-RESUBMIT                        | L FOR FIELD CHECK          |
| F QUOTATION REQUESTED                         | M FOR YOUR USE             |
| G APPROVED                                    |                            |

BY: \_\_\_\_\_





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03/07/14

## **Barnard ER BRF 0241 (39) – Schedule Narrative – Revision 2**

### Project Overview:

The Barnard ER BRF 0241 (39) Project involves the replacement of Bridge 25 with related approach and channel work. The project location is in the Town of Barnard, VT on Vermont Route 12, beginning at Mile Post 7.0195 and ending at Mile Post 7.0535. The new structure will be approximately 88 feet in length with 97 feet of roadway work.

The intent of the Project is to have the bridge closure period (BCP) be as short a duration as possible. The allowable BCP is 28 consecutive calendar days. During the BCP, work will be allowed on the bridge 24 hours per day, 7 days per week, including holiday periods.

The Contract Completion Date is August 29, 2014. The BCP shall begin on or after June 20, 2014.

### Monthly Updates:

Work performed during the previous Monthly Period is limited to Pre-Construction activities and is as follows:

- Approval of Precast Structure Design – 2/7/14
- Rejection of Site Specific TTC Plan – 2/14/14
- Approval of CPM Baseline Schedule – 2/14/14
- Pre-Construction Meeting – 2/19/14
- Submission of Pile Information – 2/24/14
- Re-Submission of Site Specific TTC Plan – 2/25/14
- Submission of Lighting Plan – 3/6/14

### Schedule:

The Miller Construction, Inc. approach in preparing the Preliminary Project Baseline Schedule is to sequence activities as logically and efficiently as possible. All activities comprise of basic bridge building concepts with finish-start relationships.

### Pre-Construction:

Pre-Construction activities include the submission and subsequent approval of all required submittals. There are (12) twelve required submittals for the project and status of each is as follows:

- CPM Schedule Software Request – Approved
- Bearing Device Assembly – Approved
- Rail Box Beam – Approved
- CPM Schedule – Approved
- Precast Structure Design – Approved
- EPSC Plan – Approved



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Reinforcing Steel – Approved  
Traffic Control Plan – In Review  
HPC Rapid Set Mix – In Review  
Piling Information / WEAP – In Review  
Lighting Plan – In Review  
Precast Structure Erection Plan – Pending Submission

One potential conflict that exists is the pending approval of the HPC Rapid Set Mix Design. The concept is relatively new to our supplier, Carroll Concrete, and the mix has not been batched at their West Lebanon, NH Plant before. Testing is in process and results are being sent to VTrans Materials & Research. Testing was started as early as possible in order to minimize any effect on the schedule should issues arise.

Pre-Construction activities also include the procurement of material. The status of material with significant lead time is as follows:

Bearing Device Assembly – Stockpiled at Miller Construction, Inc.  
Piling – Rolled and Stockpiled at R.W. Conklin Steel  
Bridge & Approach Rail – Ordered and will be stockpiled at F.R. Lafayette  
Level II Reinforcing Steel – Ordered, pending Plant Scheduling  
Precast Concrete – In Fabrication

One potential conflict that exists is the availability of Level II Reinforcing Steel. Currently, Gerdau Ameristeel, located in Tennessee is the sole manufacturer of dual coated rebar. Lead time of material can vary from (4) four weeks to (8) eight weeks dependant on order size, time of year, equipment break downs, etc. Rebar has been ordered and will be stored properly at the Miller Construction, Inc. yard in order to minimize any effect on the schedule.

A second potential conflict that exists is the cost of stockpiling material. Due to the short duration of the project, material must be on hand well before the start of construction. Because stockpile payments are not allowed for items with Contract bid amount less than \$25,000, several items (Piling, Bearing Device Assembly, Reinforcing Steel, and certain Rail Items) must be paid for up front by Miller Construction Inc. with no payment for said items being received until the months of July and August.

Pre-Construction activities also include the submission and subsequent approval of all proposed subcontracts. Currently, all anticipated subcontracts for the project have been submitted and approved.

## Pre-Closure:

Pre-Closure activities include the Resident Engineer's trailer setup, building inspection of the property located at 8354 VT Rt. 107/12, detour signage installation, and equipment mobilization.

## Resident Engineer's Trailer Setup:

An agreement has been made with a landowner to stage the Engineer's trailer on an



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adjacent property. Use of this site has been approved by VTrans Natural and Cultural Resources.

## Building Inspection:

Continental Placer, Inc. will perform a building inspection of the property located at 8354 VT Rt. 12/107 prior to any construction activity.

## Detour Signage Installation:

Detour signage shall be installed and covered during the first week in June. Covers shall remain in place until Route 12 is closed and the detour is opened.

## Equipment Mobilization:

Other projects and commitments have been scheduled so that maintenance and mobilization of equipment can occur during the second week in June.

One potential conflict that exists is that the Engineer's trailer location is within a special flood hazard area. The project is late in the season and it is expected that there is minimum potential for flooding in the area. Should this location be uninhabitable, an alternate area in either an adjacent structure or within the paved approach area shall be utilized.

## Closure:

Closure activities include the removal of the existing temporary bridge and subsequent construction of the new structure. All work up to, and including the membrane, base course of pavement on the approaches, and line striping targets is required to open the bridge to two-way traffic.

One potential conflict that exists is the piling operation. It is assumed that piles can be driven unobstructed to the required minimum tolerance, depth, and resistance. Piling falls on the critical path, so any unforeseen issues and/or inefficiencies will be detrimental to schedule and to the project.

A second potential conflict that exists is weather. As with any project, it is possible to experience conditions to include, but not limited to, extreme heat, rain, flood, and wind. The contract states that that the BCP is absolutely fixed and will not be changed for any Act of God, omission, improper action, direction of the Engineer, or any other reason unless done so by the Secretary and only under extreme conditions as determined by the Secretary. Every effort shall be made to work through extreme conditions in a safe and productive manner.

## Post-Closure:

Post-Closure activities include the removal of the detour signage and traffic control devices, demobilization, and subsequent removal of the Engineer's Trailer.

All contract items may not be complete at the time of releasing traffic onto Route 12. Such remaining items include, but are not limited to, final pavement, line striping, and site



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reclamation. If required, such work shall be performed with full time, certified flaggers and the schedule adjusted accordingly.

## Resources:

It is assumed that two crews will be working extended hours over a seven-day workweek during the BCP. At this time, no night work is anticipated, but it shall be implemented should it be deemed necessary.

Crew fatigue is a major concern for the project. Safety and productivity will need to be monitored on a continuous basis and crew adjustments made accordingly.

## Duration Justification:

Channel Excavation and Stone Fill activities exceed the 12 Hr. task limit during the BCP. None of these activities with the exception of work at Abutment 1 within the bridge limit fall on the Critical Path. All efforts shall be made to expedite the Stone Fill activity at Abutment 1.

Removing Rail & Deck and Hauling of the Temporary Bridge both exceed the 12 Hr. task limit during the BCP. The hauling operation is independent of all other activities after the removal of the Temporary Bridge but falls on the Critical Path because it takes resources away from the project. Should it negatively affect the schedule, bridge components shall be stored and then hauled after the BCP has ended.

Forming of the Backwalls exceeds the 12 Hr. task limit during the BCP. Formwork around the NEXT Beam stems account for the long duration. All efforts shall be made to prefabricate forms in order to expedite the activity.

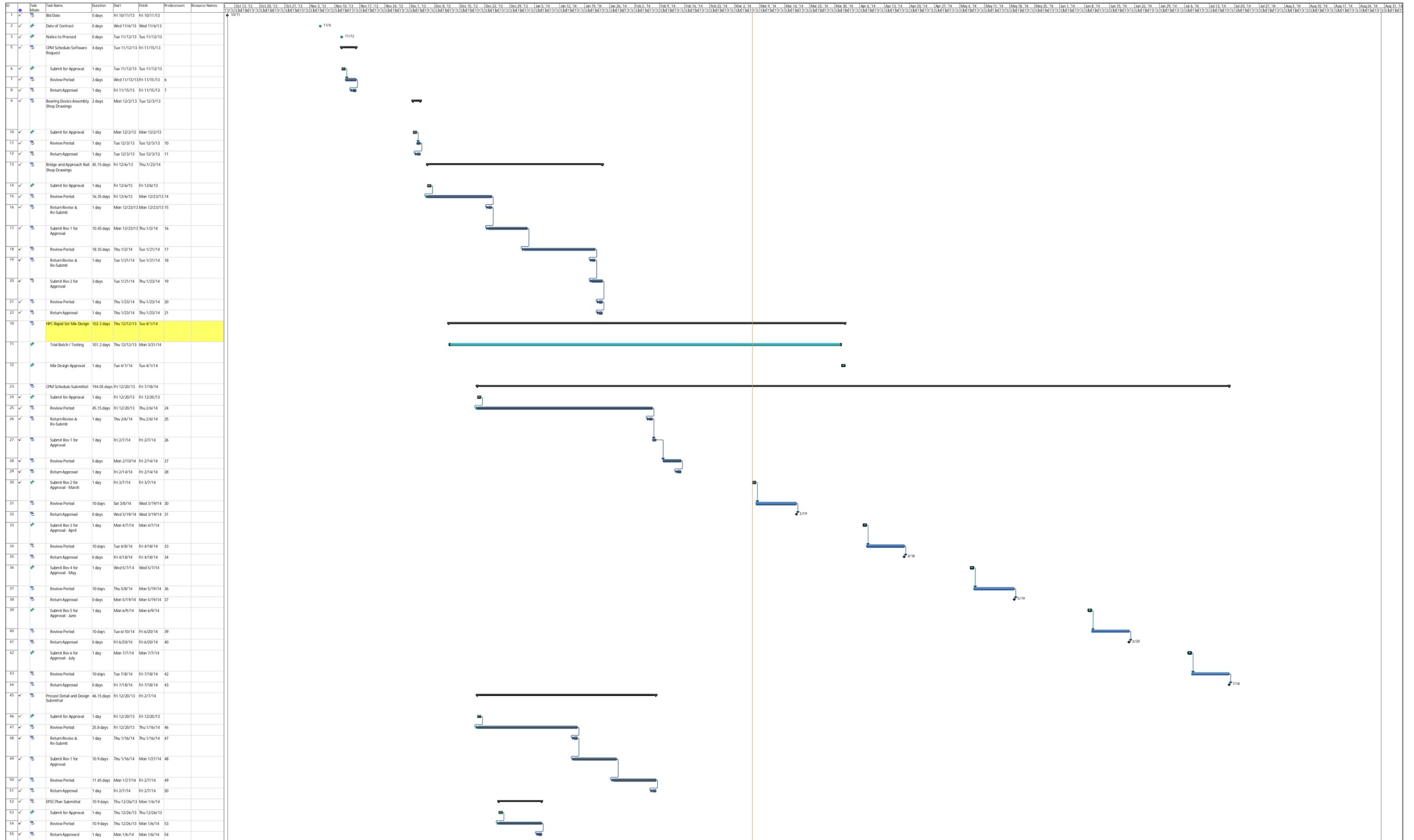
## Critical Path:

The Critical Path task bars are colored red, and Critical Path items highlighted yellow. Critical Path items include certain submittals. Although these submittals are critical to the start and completion dates of the project, there is significant float in the submission and approval dates of said items.

Milestone Dates are as follows:

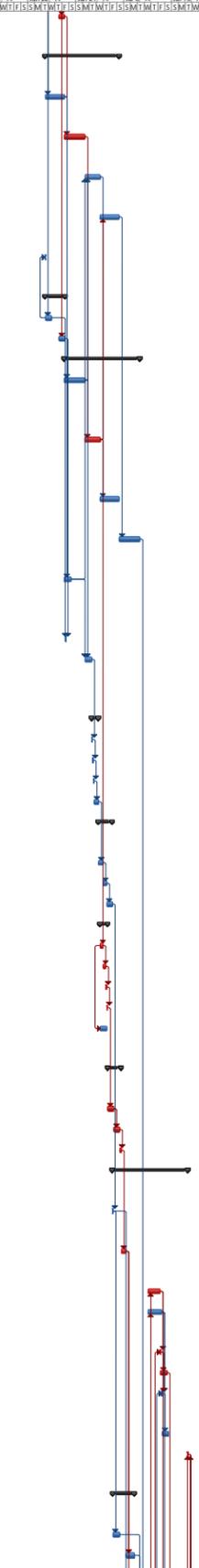
10/11/13 Bid Date  
11/06/13 Date of Contract  
11/12/13 Notice to Proceed  
02/19/14 Pre-Construction Meeting  
06/20/14 Begin BCP  
07/09/14 Superstructure Set  
07/18/14 End BCP  
08/28/14 Project Completion

BCP duration is 28 consecutive calendar days.



ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
56	✓	Reinforcing Steel Submittal	35.25 days	Tue 12/31/13	Thu 2/6/14		
57	✓	Submit for Approval	1 day	Tue 12/31/13	Tue 12/31/13		
58	✓	Review Period	20.35 days	Tue 12/31/13	Tue 1/21/14	57	
59	✓	Return Revise & Re-Submit	1 day	Tue 1/21/14	Tue 1/21/14	58	
60	✓	Submit Rev 1 for Approval	10.35 days	Tue 1/21/14	Fri 1/31/14	59	
61	✓	Review Period	6.45 days	Fri 1/31/14	Thu 2/6/14	60	
62	✓	Return Approval	1 day	Thu 2/6/14	Thu 2/6/14	61	
63	✓	Traffic Control Submittal	44.8 days	Fri 1/31/14	Thu 3/20/14		
64	✓	Submit for Approval	1 day	Fri 1/31/14	Fri 1/31/14		
65	✓	Review Period	13.9 days	Fri 1/31/14	Fri 2/14/14	64	
66	✓	Return Revise & Re-Submit	1 day	Fri 2/14/14	Fri 2/14/14	65	
67	✓	Submit Rev 1 for Approval	1 day	Tue 2/25/14	Tue 2/25/14	66	
68	✓	Review Period	21 days	Wed 2/26/14	Thu 3/20/14	67	
69	✓	Return Approval	0 days	Thu 3/20/14	Thu 3/20/14	68	
4	✓	Pre-Construction Meeting	0 days	Wed 2/19/14	Wed 2/19/14		
73	✓	Piling Information Submittal	23 days	Mon 2/24/14	Thu 3/20/14		
74	✓	Submit for Approval	1 day	Mon 2/24/14	Mon 2/24/14		
75	✓	Review Period	21 days	Tue 2/25/14	Wed 3/19/14	74	
76	✓	Return Approval	1 day	Wed 3/19/14	Thu 3/20/14	75	
77	✓	Lighting Plan Submittal	21 days	Thu 3/6/14	Fri 3/28/14		
78	✓	Submit for Approval	1 day	Thu 3/6/14	Thu 3/6/14		
79	✓	Review Period	20 days	Fri 3/7/14	Fri 3/28/14	78	
80	✓	Return Approval	0 days	Fri 3/28/14	Fri 3/28/14	79	
81	✓	Precast Erection Plan Submittal	22 days	Mon 3/31/14	Wed 4/23/14		
82	✓	Submit for Approval	1 day	Mon 3/31/14	Mon 3/31/14		
83	✓	Review Period	21 days	Tue 4/1/14	Wed 4/23/14	82	
84	✓	Return Approval	0 days	Wed 4/23/14	Wed 4/23/14	83	
158	✓	Field Office, Engineers	81.9 days	Mon 6/2/14	Fri 8/29/14		
159	✓	Set up Engineer's Trailer	1 day	Mon 6/2/14	Mon 6/2/14		
160	✓	Breakdown and Removal of Engineer's Trailer	21 days	Wed 8/6/14	Fri 8/29/14	164	
161	✓	Mobilization	10.45 days	Mon 6/2/14	Thu 6/12/14		
162	✓	Building Inspection - 8354 VT Rte. 107/12	1 day	Mon 6/2/14	Mon 6/2/14		
163	✓	Mobilize Equipment and Job Trailer	3 days	Tue 6/10/14	Thu 6/12/14		
167	✓	4 Inch Yellow Line - Detour	4 hrs	Mon 6/2/14	Mon 6/2/14		
196	✓	Traffic Control, All-Inclusive	43.9 days	Mon 6/2/14	Sat 7/19/14		
197	✓	Set up Detour Signage	4 days	Mon 6/2/14	Thu 6/5/14		
199	✓	Close VT12/Open Detour	1 hr	Fri 6/20/14	Fri 6/20/14	197,159,163,16	
198	✓	Bridge Closed	0 days	Fri 6/20/14	Fri 6/20/14	199	
200	✓	Open VT12/Close Detour	1 hr	Fri 7/18/14	Fri 7/18/14	165	
201	✓	Bridge Open	0 days	Fri 7/18/14	Fri 7/18/14	200	
202	✓	Remove Detour Signage	1 day	Fri 7/18/14	Sat 7/19/14	200	
85	✓	Clearing and Grubbing, Including Individual Trees and Stumps	8 hrs	Fri 6/20/14	Fri 6/20/14	199	
169	✓	EPSC Plan	15 hrs	Fri 6/20/14	Sat 6/21/14	199	
191	✓	Removal of Temporary Bridge and Approaches	5.5 days	Fri 6/20/14	Thu 6/26/14		
192	✓	Remove Rail & Deck	20 hrs	Fri 6/20/14	Sun 6/22/14	199	
193	✓	De-launch Temp. Bridge	10 hrs	Sun 6/22/14	Mon 6/23/14	192	
194	✓	Dismantle Temp. Bridge	10 hrs	Mon 6/23/14	Thu 6/24/14	193	
195	✓	Haul Temp. Bridge	15 hrs	Tue 6/24/14	Thu 6/26/14	194	
123	✓	Partial Removal of Structure	3.5 days	Mon 6/23/14	Fri 6/27/14		
124	✓	Demo Existing Abutment 2	10 hrs	Mon 6/23/14	Tue 6/24/14	193	
125	✓	Haul Existing Abutment 2 Rubble	10 hrs	Tue 6/24/14	Wed 6/25/14	124	
126	✓	Demo Existing Abutment 1	5 hrs	Thu 6/26/14	Thu 6/26/14	195	

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
127		Haft Existing Abutment 1 Rubble	5 hrs	Thu 6/26/14	Fri 6/27/14	126	
88		Unclassified Channel Excavation	10 days	Tue 6/24/14	Sat 7/5/14		
89		Abutment 2 within Bridge Limits	25 hrs	Tue 6/24/14	Fri 6/27/14	124	
90		Abutment 1 within Bridge Limits	25 hrs	Fri 6/27/14	Mon 6/30/14	127	
91		Abutment 2 Outside Bridge Limits	25 hrs	Mon 6/30/14	Wed 7/2/14	181,150	
92		Abutment 1 Outside Bridge Limits	25 hrs	Wed 7/2/14	Sat 7/5/14	151	
93		Trench Excavation of Earth	2 hrs	Tue 6/24/14	Tue 6/24/14	95SS	
94		Structure Excavation	2.8 days	Tue 6/24/14	Fri 6/27/14		
95		Abutment 2	8 hrs	Tue 6/24/14	Wed 6/25/14	124	
96		Abutment 1	8 hrs	Thu 6/26/14	Fri 6/27/14	126	
149		Stone Fill, Type IV	10 days	Fri 6/27/14	Tue 7/8/14		
150		Abutment 2 to Elev. 870.00 within Bridge Limits	25 hrs	Fri 6/27/14	Mon 6/30/14	89	
151		Abutment 1 to Elev. 875.00 within Bridge Limits	25 hrs	Mon 6/30/14	Wed 7/2/14	90	
152		Abutment 2 Outside Bridge Limits	25 hrs	Wed 7/2/14	Sat 7/5/14	91	
153		Abutment 1 Outside Bridge Limits	25 hrs	Sat 7/5/14	Tue 7/8/14	92	
181		Pre-Excavation of Integral Abutment Piles, Earth	10 hrs	Fri 6/27/14	Sat 6/28/14	89	
87		Solid Rock Excavation	3 hrs	Fri 6/27/14	Fri 6/27/14	95,96	
182		Pre-Excavation of Integral Abutment Piles, Rock	10 hrs	Mon 6/30/14	Tue 7/1/14	181,150	
104		Steel Piling, HP 10 X 57	1 day	Tue 7/1/14	Wed 7/2/14		
105		Set Pile P1	2.5 hrs	Tue 7/1/14	Tue 7/1/14	182	
106		Set Pile P2	2.5 hrs	Tue 7/1/14	Tue 7/1/14	105	
107		Set Pile P3	2.5 hrs	Tue 7/1/14	Tue 7/1/14	106	
108		Set Pile P4	2.5 hrs	Tue 7/1/14	Wed 7/2/14	107	
133		Precast Concrete Structure (Abutment 2)	2 days	Wed 7/2/14	Fri 7/4/14		
134		Prep for Abutment 2	8 hrs	Wed 7/2/14	Wed 7/2/14	108	
135		Set Abutment 2-1	6 hrs	Thu 7/3/14	Thu 7/3/14	134	
136		Set Abutment 2-2	6 hrs	Thu 7/3/14	Fri 7/4/14	135	
109		Steel Piling, HP 12 X 74	1.2 days	Wed 7/2/14	Thu 7/3/14		
110		Drive Pile P1	3 hrs	Wed 7/2/14	Wed 7/2/14	151	
111		Drive Pile P2	3 hrs	Thu 7/3/14	Thu 7/3/14	110	
112		Drive Pile P3	3 hrs	Thu 7/3/14	Thu 7/3/14	111	
113		Drive Pile P4	3 hrs	Thu 7/3/14	Thu 7/3/14	112	
114		Dynamic Pile Loading Test	10 hrs	Wed 7/2/14	Thu 7/3/14	110SS	
129		Precast Concrete Structure (Abutment 1)	2 days	Thu 7/3/14	Sat 7/5/14		
130		Prep for Abutment 1	8 hrs	Thu 7/3/14	Fri 7/4/14	113	
131		Set Abutment 1-1	6 hrs	Fri 7/4/14	Sat 7/5/14	130	
132		Set Abutment 1-2	6 hrs	Sat 7/5/14	Sat 7/5/14	131	
171		High Performance Concrete, Rapid Set	10 days	Fri 7/4/14	Tue 7/15/14		
172		Place Pile Caissons - Abutment 2	2 hrs	Fri 7/4/14	Fri 7/4/14	136	
173		Place Pile Caissons - Abutment 1	2 hrs	Sat 7/5/14	Sun 7/6/14	132	
174		Form Backwalks	15 hrs	Wed 7/9/14	Fri 7/11/14	189	
175		Form Next Beam Closure Pours	20 hrs	Wed 7/9/14	Fri 7/11/14	189	
176		Place Backwalks	2 hrs	Fri 7/11/14	Fri 7/11/14	174,116SS	
178		Strip Backwalks	8 hrs	Fri 7/11/14	Sat 7/12/14	176	
177		Place Next Beam Closure Pours	2 hrs	Fri 7/11/14	Fri 7/11/14	176,175,117SS	
180		Strip Closure Pours	8 hrs	Fri 7/11/14	Sat 7/12/14	177	
179		Place Approach Slab Closure Pours	2 hrs	Tue 7/15/14	Tue 7/15/14	148,118	
97		Granular Backfill for Structures	2.7 days	Fri 7/4/14	Mon 7/7/14		
98		Abutment 2	10 hrs	Fri 7/4/14	Sat 7/5/14	172	
99		Abutment 1	10 hrs	Sun 7/6/14	Mon 7/7/14	173	



ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
128		Bearing Device Assembly, Steel Reinforced Elastomeric Pad	5 hrs	Sun 7/6/14	Mon 7/7/14	18455	
183		Prestressed Concrete Nead D Beams	3 days	Sun 7/6/14	Wed 7/9/14		
184		Install Slider Beam	15 hrs	Sun 7/6/14	Tue 7/8/14	173,172	
185		Set Neat - 2	3 hrs	Tue 7/8/14	Tue 7/8/14	184,98,99,128	
186		Set Neat - 3	3 hrs	Tue 7/8/14	Tue 7/8/14	185	
187		Set Neat - 4	3 hrs	Tue 7/8/14	Wed 7/9/14	186	
188		Remove Slider Beam	3 hrs	Wed 7/9/14	Wed 7/9/14	187	
189		Set Neat - 1	3 hrs	Wed 7/9/14	Wed 7/9/14	188	
190		Superstructure Set	0 days	Wed 7/9/14	Wed 7/9/14	189	
168		Grubbing Material	20 hrs	Tue 7/8/14	Thu 7/10/14	153	
86		Common Excavation	10 hrs	Wed 7/9/14	Thu 7/10/14	188	
122		Bridge Railing, Galvanized 3 Rail Box Beam	10 hrs	Wed 7/9/14	Thu 7/10/14	189	
154		Welding Marker Posts	10 hrs	Wed 7/9/14	Thu 7/10/14	12255	
155		Box Beam Guardrail	10 hrs	Wed 7/9/14	Thu 7/10/14	15455	
156		Manufactured Terminal Section, Tangent	10 hrs	Wed 7/9/14	Thu 7/10/14	15555	
157		Guardrail Approach Section, Galvanized 3 Rail Box Beam	10 hrs	Wed 7/9/14	Thu 7/10/14	15655	
115		Reinforcing Steel, Level II	3.4 days	Fri 7/11/14	Tue 7/15/14		
116		Backwall Level II Reinforcement	10 hrs	Fri 7/11/14	Sat 7/12/14	174	
117		Next Beam Closure Pour Level II Reinforcement	8 hrs	Fri 7/11/14	Sat 7/12/14	175	
118		Approach Slab Closure Pour Level II Reinforcement	4 hrs	Mon 7/14/14	Tue 7/15/14	148	
100		Subbase of Dense Graded Crushed Stone	4.1 days	Sat 7/12/14	Wed 7/16/14		
102		DGCS within Approach Slab Limit	10 hrs	Sat 7/12/14	Sun 7/13/14	178	
101		DGCS outside Approach Slab Limit	15 hrs	Tue 7/15/14	Wed 7/16/14	179,86	
137		Precast Concrete Structure (Approach Slab 1)	0.6 days	Sun 7/13/14	Mon 7/14/14		
138		Prep for Approach Slab 1	2 hrs	Sun 7/13/14	Sun 7/13/14	102	
139		Set Approach Slab 1-1	1 hr	Sun 7/13/14	Sun 7/13/14	138	
140		Set Approach Slab 1-2	1 hr	Mon 7/14/14	Mon 7/14/14	139	
141		Set Approach Slab 1-3	1 hr	Mon 7/14/14	Mon 7/14/14	140	
142		Set Approach Slab 1-4	1 hr	Mon 7/14/14	Mon 7/14/14	141	
143		Precast Concrete Structure (Approach Slab 2)	1 day	Sun 7/13/14	Mon 7/14/14		
144		Prep for Approach Slab 2	2 hrs	Sun 7/13/14	Sun 7/13/14	102	
145		Set Approach Slab 2-1	1 hr	Mon 7/14/14	Mon 7/14/14	144,142	
146		Set Approach Slab 2-2	1 hr	Mon 7/14/14	Mon 7/14/14	145	
147		Set Approach Slab 2-3	1 hr	Mon 7/14/14	Mon 7/14/14	146	
148		Set Approach Slab 2-4	1 hr	Mon 7/14/14	Mon 7/14/14	147	
120		Membrane Waterproofing Spray Applied	10 hrs	Tue 7/15/14	Wed 7/16/14	179	
203		Bituminous Concrete Pavement	10 hrs	Wed 7/16/14	Thu 7/17/14	120,101	
103		Aggregate Shoulders, In Place	3 hrs	Thu 7/17/14	Fri 7/18/14	203	
119		Bridge Expansion Joint, Asphaltic Plug	6 hrs	Thu 7/17/14	Fri 7/18/14	203	
165		4 Inch White Line	3 hrs	Thu 7/17/14	Fri 7/18/14	203	
166		4 Inch Yellow Line	3 hrs	Thu 7/17/14	Fri 7/18/14	16555	
164		Demobilization	18 days	Fri 7/18/14	Wed 8/6/14	200	
170		Traffic Signs, Type A	4 hrs	Fri 7/18/14	Fri 7/18/14	200	
121		Joint Sealer, Hot Poured	4 hrs	Fri 7/18/14	Fri 7/18/14	119	
204		Project Completion	0 days	Fri 8/29/14	Fri 8/29/14	160	

