ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
1		**Administrative**	**716 days**	**8/29/14**	**6/30/17**			
2		Bid Letting	1 day	8/29/14	8/29/14			
3		Project Award	1 day	9/22/14	9/22/14	2		
4		Preconstruction Meeting	1 day	9/29/14	9/29/14	3		
5		Notice to Proceed	1 day	10/7/14	10/7/14			
8		Interim Completion BRF3000 (16)	0 days	9/25/15	9/25/15	225,223,14		
6		2015-2016 Winter Shut Down	85 days	11/11/15	3/17/16	246		
7		2016 Startup	0 days	4/15/16	4/15/16	6		
12		Interim Completion BRF3000 (19)	0 days	10/1/16	10/1/16	389,390,39		
9		2016-2017 Winter Shut Down	139 days	10/3/16	4/20/17	437,450		
11		2017 Startup	0 days	4/20/17	4/20/17	9		
10		Project Completion	0 days	6/30/17	6/30/17			
13		**Submittals**	**377 days**	**10/8/14**	**4/7/16**			
33		Set-up Engineer's Office	10 days	10/8/14	10/21/14	5		
35		CPM Schedule	37 days	10/14/14	12/5/14	5,33		
34		Girder Shops	80 days	11/12/14	3/27/15	5,33		
40		EPSC Plan River Street	15 days	11/14/14	3/11/15	5,33	652.10	*1*
41		Traffic Control Plan River Street	15 days	11/17/14	3/11/15	5,33		
16		Drilled Shaft Submittal	20 days	11/26/14	3/6/15	5,33		
22		Bearing Submittal	16 days	12/1/14	12/22/14	15		
17		Lighting Plan	15 days	12/11/14	3/11/15	5,33		
39		Cofferdam Design River St	19 days	12/12/14	1/13/15	5,33		
37		Wave Equation Analysis	10 days	12/19/14	3/18/15	40,41		
23		Guardrail Approach Section Submittal	30 days	1/13/15	4/22/15	15		
21		Expansion Joint Submittal	30 days	1/21/15	4/22/15	15		
28		Paint Submittal River St Bridge	10 days	3/2/15	3/13/15	34SS		
29		Truss Design	160 days	3/2/15	10/14/15	5,33		
31		Cofferdam Design Ripley St	22 days	3/2/15	3/31/15	39		
36		Causeway Design River St	15 days	3/2/15	3/20/15	5,33		
14		EPSC Plan Ripley Road	15 days	3/11/15	4/1/15	40	652.10	*1*
15		Traffic Control Plan Ripley Road	15 days	3/11/15	4/1/15	41		
32		Causeway Design Ripley St	15 days	3/23/15	4/10/15	36		
38		Fabricate Girders	60 days	3/30/15	6/22/15	34,28		
19		Erection Plan - River Street	30 days	4/1/15	5/12/15	31		
18		Concrete Mix Designs	10 days	4/1/15	4/15/15	15		
25		Sewer System Submittal River St	30 days	4/1/15	5/13/15	15		
26		Sewer on Bridge Submittal Ripley	30 days	4/1/15	5/13/15	15		
20		Erection Plan - Ripley Road	30 days	5/13/15	6/24/15	19		
24		Waterline Submittal River St	30 days	5/13/15	6/25/15	25		
27		Water on Bridge Submittal Ripley	30 days	5/13/15	6/25/15	26		
30		Fabricate Trusses	120 days	10/15/15	4/7/16	29,38		
42		**BRF 3000 (16) River Street**	**432.5 days**	**11/19/14**	**8/9/16**			
159		**River Street Start-up**	**159 days**	**11/19/14**	**7/9/15**			
160		Mob. Equipment	32 days	11/19/14	1/9/15	166		
161		Install Silt Fence	28 days	11/20/14	1/6/15	40	649.51	*200*

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

Critical	Split	Finish-only	Baseline Milestor
Critical Split	Task Progress	Duration-only	Milestone
Critical Progress	Manual Task	Baseline	Summary Progre
Task	Start-only	Baseline Split	Summary

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantity
162		Install Silt Fence Reinforced	1 day	11/20/14	11/20/14	161	649.515	179
163		Install barrier Fence	31 days	11/20/14	1/9/15	162	653.50	1110
164		Install Project Demarcation Fence	31 days	11/20/14	1/9/15	163	653.55	1429
165		Clear & Grub	24 days	12/3/14	1/9/15	160,161,16	201.10	1
166		Construction Signs	1 day	12/3/14	12/3/14	33,41,35		
167		Detour Dorr Road Traffic	1 day	1/5/15	1/5/15	39,163,233		
168		Remove Dorr Road Detour	1 day	7/9/15	7/9/15	223		
169		**River Street Substructure**	**406.5 days**	**11/21/14**	**7/6/16**			
170		**River Street Pier**	**406.5 days**	**11/21/14**	**7/6/16**			
171		Access for Drill Equipment	30 days	11/21/14	1/9/15	165	653.35	350
172		Mob. Drilling Equipment	11 days	1/5/15	1/19/15	171	900.645	1
173		Drive Temp. Casing	3 days	3/11/15	3/16/15	172,16,17		
174		Clean Out Casing/Drilling	4 days	3/16/15	3/20/15	173		
175		Obstruction Drilling	5 days	3/20/15	3/27/15	174	900.640	10
176		Set Reinforcing & Pour Shaft	2 days	3/27/15	3/31/15	175	900.640	89
177		CSL Testing	1 day	3/31/15	4/1/15	176		
178		Form Pier Hammerhead	6 days	4/1/15	4/9/15	177		
179		Install Pier Reinforcing	3 days	4/9/15	4/14/15	178	507.11	23940
180		Pour Pier Hammerhead	1 day	4/15/15	4/16/15	179,18	201.34	78
181		Cure Pier Hammerhead	7 days	4/16/15	4/23/15	180		
182		Apply Water Repellant	1 day	4/23/15	4/24/15	181	514.10	10
183		Set Bearings	1 day	4/23/15	4/24/15	181,22	531.15	5
184		Place Stone Fill	2.5 days	7/1/16	7/6/16	180,7FS+5	613.12	500
185		**River Street Abutment 1**	**146.5 days**	**1/12/15**	**8/6/15**			
186		Drive Sheeting for Cofferdam	15 days	1/12/15	3/11/15	39,167	208.40	1
188		Exc. Cofferdam Earth	10 days	1/12/15	4/2/15	187FS-3 da	208.30	750
189		Exc. Cofferdam Rock	10 days	1/12/15	4/14/15	188	208.35	90
187		Install Cofferdam Bracing	15 days	3/11/15	3/27/15	186		
192		Drive Test Pile	1 day	4/14/15	4/15/15	189		
194		Dynamic Pile Load Test	1 day	4/15/15	4/16/15	192	505.45	1
193		Drive Piles	10 days	4/16/15	4/28/15	194	505.20	2700
190		Tremie Seal Cofferdam	1 day	4/28/15	4/29/15	193	541.31	340
191		Dewater Cofferdam	1 day	4/29/15	4/30/15	190		
195		Cut-Off Piles	1 day	4/30/15	4/30/15	191		
196		Form Abutment Footing	4 days	4/30/15	5/6/15	195		
197		Rebar for Abutment Footing	2 days	5/6/15	5/7/15	196	507.11	10880
198		Pour Abutment Footing	1 day	5/7/15	5/8/15	197	501.34	114
199		Cure Abutment Footing	7 days	5/8/15	5/18/15	198		
200		Form 1 Seat/WW	7 days	5/8/15	5/18/15	198		
208		Form 3 Seat/WW	3 days	5/8/15	5/12/15	198		
209		Rebar 3 Seat/WW	2 days	5/12/15	5/14/15	208	507.11	9603
210		Pour 3 Seat/WW	1 day	5/14/15	5/15/15	209	501.34	40
201		Cure Pour 3 Seat/WW	7 days	5/15/15	5/22/15	210		
202		Rebar 1 Seat/WW	3 days	5/18/15	5/20/15	200	507.11	11903
203		Pour 1 Seat/WW	1 day	5/20/15	5/21/15	202	501.34	60

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Critical | Split | Finish-only | Baseline Milesto
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Task | Start-only | Baseline Split | Summary

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantity
204		Cure 1 Seat/WW	7 days	5/21/15	5/29/15	203		
205		Form 2 Seat/WW	6 days	5/21/15	5/29/15	203,210		
206		Rebar 2 Seat/WW	3 days	5/29/15	6/2/15	205	507.11	10000
207		Pour 2 Seat/WW	1 day	6/2/15	6/3/15	206	501.34	145
211		Cure Pour 2	7 days	6/3/15	6/10/15	207		
220		Apply Water Repellant	1 day	6/10/15	6/11/15	211	514.10	25
221		Backfill Abutment	3.5 days	6/11/15	6/16/15	211,220	204.30	670
222		Remove Cofferdam Bracing	9 days	6/16/15	6/25/15	221		
223		Pull Cofferdam Sheeting	10.5 days	6/25/15	7/9/15	222		
212		Form WW Tops	2 days	7/9/15	7/10/15	223		
224		Set Bearings	1 day	7/9/15	7/9/15	223,22	531.17	5
213		Rebar WW Tops	2 days	7/13/15	7/14/15	212	507.12	800
225		Place Stone Fill	7.5 days	7/13/15	7/22/15	223FS+2 da	613.12	1500
214		Pour WW Tops	0.5 days	7/15/15	7/15/15	213	501.34	20
215		Cure WW Tops	7 days	7/15/15	7/22/15	214		
217		Form Backwall	7 days	7/20/15	7/28/15	44		
216		Apply Water Repellant	0.25 days	7/22/15	7/22/15	215	514.10	5
226		Grubbing Material	3 days	7/22/15	7/27/15	225	651.40	690
218		Rebar Backwall	1 day	7/29/15	7/29/15	217	507.12	2700
219		Pour Backwall	0.5 days	7/30/15	7/30/15	218	501.34	40
227		Cure Backwall	7 days	7/30/15	8/6/15	219		
228		**River Steet Abutment 2**	**75.88 days**	**1/26/15**	**5/11/15**			
229	✓	Excavate for Abutment 2	2 days	1/26/15	1/27/15		204.25	240
230	✓	Mob. Equipment for Pile Driving	1 day	1/27/15	1/27/15		504.10	0.1
231	✓	Drive Test Pile	3 days	1/28/15	1/30/15	230,37	505.165	65
232	✓	Dynamic Pile Load Test	3 days	1/28/15	1/30/15		505.45	1
233	✓	Drive Production Piles	3 days	2/3/15	2/5/15	232	505.165	260
234		Form Abutment Seat	6.5 days	4/16/15	4/24/15	233,180		
235		Rebar for Abutment Seat	2 days	4/27/15	4/28/15	234	507.12	6800
236		Pour Abutment Seat	1 day	4/29/15	4/29/15	235	501.34	58
237		Cure Abutment Seat	7 days	4/30/15	5/6/15	236		
238		Apply Water Repellant	1 day	5/6/15	5/7/15	237	514.10	10
240		Backfill Abutment 2	1.5 days	5/7/15	5/11/15	238	204.30	180
239		Set Bearings	0.5 days	5/11/15	5/11/15	240,22	531.17	5
80		**River Street Utilities/Roadwork**	**225.5 days**	**5/27/15**	**4/18/16**			
81		**River Street Sewer**	**76.63 days**	**5/27/15**	**9/15/15**			
85		Notify Start of Sewer Work	1 day	5/27/15	5/28/15	86FS-30 da		
86		Rehab Manhole at Pump Station	0.5 days	7/9/15	7/9/15	223	604.418	1
87		10" DIP Sewer Dorr Rd/Bypass Pump	2 days	7/9/15	7/13/15	86	900.640	330
88		6" SDR35 Sewer Service	0.5 days	7/13/15	7/13/15	87	900.640	35
89		4' Dia. Sanitary MH & Test	2 days	7/14/15	7/15/15	88	900.620	2
90		10" SDR35 Sewer Dorr Rd/ Bypass Pump	2 days	7/16/15	7/17/15	89	900.640	280
91		4' Dia. Sanitary MH & Test	1 day	7/20/15	7/20/15	90	900.620	1

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
92		Rehab Manhole at N. Dorr	0.5 days	7/21/15	7/21/15	91	604.15	1
93		Rehab Manhole River St	0.5 days	7/21/15	7/21/15	92	604.418	1
94		10" SDR35 River St	2 days	7/22/15	7/23/15	93	900.640	510
95		4' Dia. Sanitary MH & Test	2 days	7/24/15	7/27/15	94	900.620	2
96		6" DI Sewer Force Main	2 days	7/28/15	7/29/15	95	900.640	203
97		Bypass Pump for Force Main Tie in	1 day	9/9/15	9/10/15	96,57	628.42	1
98		Emergency Backup Port	0.5 days	9/10/15	9/10/15	97	900.645	1
100		6" Valves in Dry Well	1 day	9/10/15	9/11/15	97	629.26	4
102		Pump Station Modifications	3 days	9/10/15	9/15/15	97	900.645	1
99		Emerg. BU Port Valves	0.5 days	9/10/15	9/11/15	98	629.27	2
82		12" C900 Sewer Overflow	1 day	9/11/15	9/14/15	99	900.640	60
101		6" Swing Check Valve in Dry Well	0.5 days	9/11/15	9/11/15	100	900.620	2
83		Test Sanitary Sewer	1 day	9/11/15	9/14/15	101,57		
84		Flapper Valve and Headwall	1 day	9/14/15	9/15/15	82	900.645	1
103		**River Street Water**	**46.63 days**	**6/25/15**	**9/1/15**			
104		Notify Start of Water Work	1 day	6/25/15	6/26/15	105FS-30 d		
105		10" DI Waterline on Dorr Rd	4 days	7/28/15	7/31/15	95	900.640	700
106		10" Gate Valve on Dorr Rd	1.5 days	8/3/15	8/4/15	105	629.27	5
107		Install Hydrant	0.5 days	8/4/15	8/4/15	106	629.28	1
108		6" DI Waterline	0.25 days	8/5/15	8/5/15	107	900.640	30
109		6" Hydrant Valve	0.25 days	8/5/15	8/5/15	108	629.27	1
110		1" Corp Stops	0.25 days	8/5/15	8/5/15	109	629.39	2
111		1" Copper Water Service	0.5 days	8/5/15	8/6/15	110	900.640	60
112		1" Curb Stop	0.25 days	8/6/15	8/6/15	111	629.25	2
113		Test Dorr Rd Waterline	1 day	8/6/15	8/7/15	112		
114		10" DI Waterline on River St	3 days	8/6/15	8/11/15	112	900.640	600
115		10" Gate Valve on River St	0.5 days	8/11/15	8/11/15	114	629.27	2
116		6" Gate Valve	0.25 days	8/12/15	8/12/15	115	629.27	1
117		2" Corp. Stop	0.25 days	8/12/15	8/12/15	116	629.39	1
118		2" Copper Water Service	0.25 days	8/12/15	8/12/15	117	900.640	25
119		2" Curb Stop	0.25 days	8/12/15	8/12/15	118	629.25	1
120		Test River St Waterline	1 day	8/13/15	8/13/15	119		
121		Tie-in Waterline to New	1 day	8/31/15	9/1/15	60,120	629.42	1
122		**River Street Roadwork**	**177.5 days**	**8/4/15**	**4/18/16**			
125		Excavate for Stone Wall	2 days	8/4/15	8/6/15	106	204.25	200
126		Stone Wall North of Sta 499+00	15 days	8/6/15	8/27/15	125	602.20	90
124		18" CPEP Culverts	1.5 days	8/13/15	8/14/15	119	901.0915	212
127		2" Conduit to Pump Station	0.5 days	8/13/15	8/13/15	119	678.23	154
128		Relocate Mailbox	0.25 days	8/13/15	8/13/15	119	617.10	1
158		Power Drop Stanchion	2 days	8/13/15	8/17/15	127	679.55	1
129		Excavate/Fill for Road Recon	4 days	8/14/15	8/20/15	124	203.15	2000
130		Place Sand Borrow Dorr Rd	2 days	8/20/15	8/24/15	129	203.31	370
131		Place Subbase Dorr Rd	5 days	8/24/15	8/31/15	130	301.35	1830

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ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
123		Stone Wall South of Sta 499+00	15 days	8/27/15	9/18/15	126	602.20	90
132		Curb on Dorr Rd	2 days	8/31/15	9/2/15	131	616.28	400
135		Pave Base & Binder Dorr Rd	2 days	8/31/15	9/2/15	131	490.30	475
133		Manhole Covers Dorr Rd	1 day	9/2/15	9/3/15	135	604.56	4
136		Sand Borrow River St	2.5 days	9/2/15	9/4/15	132	203.31	490
156		Backup Shoulder Dorr Rd	0.5 days	9/2/15	9/2/15	135	401.10	25
157		Box Beam Guiderail Dorr	2 days	9/3/15	9/4/15	156	621.30	500
134		Change San. MH Elevation	0.5 days	9/3/15	9/3/15	133	604.42	1
137		Subbase River St	5 days	9/8/15	9/14/15	136	301.25	1900
138		Curb on River Stree	2 days	9/15/15	9/16/15	137	616.28	361
140		5" Sidewalk	3 days	9/17/15	9/21/15	138	618.10	235
146		Ornamental Gate	1 day	9/18/15	9/21/15	126,123	900.645	1
142		Detectable Warning Surface	0.5 days	9/22/15	9/22/15	140	618.30	22
141		8" Sidewalk	0.5 days	9/22/15	9/22/15	142	618.11	29
143		Pave Base & Binder River St	1.5 days	9/23/15	9/24/15	121,96,126	490.30	350
139		Manhole Covers River St	0.75 days	9/24/15	9/25/15	143	604.56	3
144		Backup Shoulder River St	0.5 days	9/24/15	9/24/15	143	401.10	31
148		Traffic Signs	0.5 days	9/24/15	9/24/15	143	675.20	80
149		Topsoil	2 days	9/24/15	9/28/15	143,126,12	651.35	300
155		Temp. Pavement Marking	1 day	9/24/15	9/25/15	135,143	646.60	6450
145		Box Beam Guiderail River St	1 day	9/25/15	9/25/15	144	621.30	81
150		Seed, Winter Rye	1 day	9/28/15	9/29/15	149	651.17	50
151		Chain Link Fence	3 days	9/29/15	10/2/15	150	620.12	712
154		Chain Link Gates	2 days	10/2/15	10/6/15	151	620.16	60
152		Top Course Pavement	2.5 days	10/6/15	10/8/15	154	490.30	570
153		Pavement Striping	1 day	10/9/15	10/9/15	152		
147		Deciduous Trees	1 day	4/18/16	4/18/16	7	656.30	12
241		**River Street Bridge Demo**	**279.5 days**	**7/1/15**	**8/9/16**			
242		Build River St Causeway	2.5 days	7/1/15	7/6/15	36	900.645	1
243		River Shielding Span 1	4 days	10/6/15	10/12/15	36,145,155		
244		Remove Deck & Sidewalk	7 days	10/12/15	10/21/15	242,243		
245		Remove Span 1 Steel	10 days	10/21/15	11/4/15	244		
246		Remove Span 2 Steel	5 days	11/4/15	11/11/15	245		
247		Demo Pier	5 days	7/1/16	7/8/16	246		
248		Demo Abtments	6 days	7/11/16	7/18/16	247		
249		Excavate Existing Roadway	3.5 days	7/19/16	7/22/16	248	203.15	2760
250		Place Stone Fill/Remove Causeway	5 days	7/22/16	7/29/16	249	613.12	1050
251		Grubbing Material	3 days	7/29/16	8/3/16	250	651.40	700
252		Topsoil	3 days	8/3/16	8/8/16	251	651.35	520
253		Seed	1 day	8/8/16	8/9/16	252	651.15	80
43		**River Street Superstructure**	**64.13 days**	**7/10/15**	**10/9/15**			
44		Set Girders	6 days	7/10/15	7/17/15	183,224,23	506.55	10190
45		shear connectors	2 days	7/20/15	7/21/15	44	508.15	1
46		Form Bridge Deck	15 days	7/21/15	7/31/15	45		

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Task	Start-only	Baseline Split	Summary

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantity
47		Form Overhang & Edge	15 days	7/21/15	7/31/15	45		
48		Rebar for Bridge Deck	14 days	7/28/15	8/6/15	47FS-5 day	507.12	89960
49		Dry Run Finishing Machine	1 day	8/7/15	8/7/15	48		
50		Place Bridge Deck 1 & 2	1 day	8/10/15	8/10/15	49	501.33	244
51		Cure Deck 1 & 2	10 days	8/11/15	8/20/15	50		
52		Place Deck 3	1 day	8/15/15	8/15/15	50FS+4 day	501.33	115
53		Cure Deck 3	10 days	8/16/15	8/25/15	52		
54		Form Sidewalk	2 days	8/21/15	8/25/15	53FS-2 day		
55		Pour Sidewalk	1 day	8/25/15	8/26/15	54	501.33	64
58		10" Waterline on Bridge	2 days	8/25/15	8/27/15	53,214,227	900.640	268.4
62		Cure Sidewalk	7 days	8/27/15	9/2/15	55		
59		10" Expansion Assembly	0.25 days	8/27/15	8/28/15	58	629.40	1
63		Form Texas Barrier South	8 days	8/27/15	9/9/15	58		
60		10" Waterline in Casing	1 day	8/28/15	8/31/15	59	900.640	54
56		6" Force Main on Bridge	2 days	9/2/15	9/4/15	214,227,60	900.640	272
61		6" Expansion Assembly	0.25 days	9/4/15	9/8/15	56	629.40	1
65		Form Texas Barrier North	8 days	9/4/15	9/17/15	56		
57		6" Force Main in Casing	1 day	9/8/15	9/9/15	61	900.640	50
69		Place Granular Borrow	1 day	9/9/15	9/10/15	57	203.32	1030
64		Pour Texas Barrier South	1 day	9/10/15	9/11/15	63,69	900.640	278
66		Pour Texas Barrier North	1 day	9/17/15	9/18/15	65	900.640	278
67		Cure Texas Rail	10 days	9/19/15	9/28/15	66		
70		Form Approach Slabs	1 day	9/18/15	9/21/15	69,64,66		
71		Rebar for Appoaches	1 day	9/21/15	9/22/15	70	507.11	8150
72		Pour Approaches	1 day	9/22/15	9/23/15	71	501.34	62
73		Cure Approaches	7 days	9/24/15	9/30/15	72		
75		Install Vt Exp Joint	4 days	9/23/15	9/29/15	72	516.11	40
68		Apply Water Repellant	1 day	9/28/15	9/29/15	67	514.10	10
76		Install Asphaltic Plug Joint	1 day	9/29/15	9/30/15	75	516.10	81
74		Guiderail Approach Section	2 days	9/30/15	10/2/15	72,64,66,7	900.620	4
77		Sheet Mem. Waterproofing	2 days	9/30/15	10/2/15	76	519.20	922
78		Pave Top & Binder on Bridge	2 days	10/2/15	10/6/15	77	490.30	78
79		Joint Sealer	0.13 days	10/9/15	10/9/15	78,152	524.11	32
254		**BRF 3000 (19) Ripley Road**	**527.63 days**	**4/1/15**	**5/2/17**			
255		**Ripley Road Start-up**	**374.63 days**	**4/1/15**	**9/23/16**			
256		Construction Signs	2 days	4/1/15	4/3/15	15		
257		Install Silt Fence	1.5 days	4/1/15	4/2/15	14	649.51	275
258		Install Silt Fence Reinforced	2 days	4/3/15	4/6/15	257	649.515	345
259		Install Barrier Fence	0.5 days	4/7/15	4/7/15	258	653.50	770
260		Install Project Demarcation Fence	1 day	4/7/15	4/8/15	259	653.55	1320
261		Clear & Grub	3 days	4/8/15	4/13/15	260	201.10	1
265		Detour Traffic	1 day	4/18/16	4/18/16	15,7		
263		Remove Traffic Control System	3 days	4/19/16	4/21/16	265	678.45	1
264		Install Temp. Port. Traffic Control Signal	2 days	4/22/16	4/25/16	263	900.620	1

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

Critical | Split | Finish-only | Baseline Milesto
Critical Split | Task Progress | Duration-only | Milestone
Critical Progress | Manual Task | Baseline | Summary Progre
Task | Start-only | Baseline Split | Summary

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
262		Remove Detour	1 day	9/22/16	9/23/16	429,389		
266		**Ripley Road Substructures**	**270.38 days**	**7/9/15**	**8/3/16**			
329		**Ripley Pier**	**59 days**	**7/9/15**	**9/30/15**			
330		Tubidity Curtain	2 days	7/9/15	7/10/15	223	649.61	***650***
331		Build Ripley Causeway	3 days	7/13/15	7/15/15	330,32	900.645	***1***
332		Drive Sheeting for Cofferdam	6 days	7/16/15	7/23/15	331,31	208.40	***1***
333		Excavate Cofferdam Earth	4.5 days	7/24/15	7/30/15	332	208.30	***330***
334		Excavate Cofferdam Rock	1.5 days	7/30/15	7/31/15	333	208.35	***30***
335		Install Cofferdam Bracing	3 days	8/3/15	8/5/15	334		
336		Mob. Equipment for Pile Driving	1 day	8/6/15	8/6/15	335	504.10	***0.17***
337		Drive Test Pile	0.5 days	8/7/15	8/7/15	336	505.20	***51***
338		Dynamic Pile Load Test	1 day	8/7/15	8/10/15	337	505.45	***1***
339		Drive Piles at Pier	4 days	8/10/15	8/14/15	338	505.20	***663***
340		Pour Cofferdam Seal	1 day	8/14/15	8/17/15	339	541.31	***200***
341		Dewater Cofferdam	1 day	8/17/15	8/18/15	340		
342		Cut-Off Piles	0.5 days	8/18/15	8/18/15	341		
343		Form Pier Footing	2.5 days	8/19/15	8/21/15	342		
344		Rebar for Pier Footing	2 days	8/21/15	8/25/15	343	507.11	***9810***
345		Pour Pier Footing	1 day	8/25/15	8/26/15	344	501.34	***62***
346		Cure Pier Footing	7 days	8/26/15	9/2/15	345		
347		Form Pier Stem	6 days	8/26/15	9/3/15	345		
348		Rebar for Pier Stem	2.75 days	9/3/15	9/9/15	347	507.11	***5820***
349		Rebar for Pier Stem	0.25 days	9/9/15	9/9/15	348	507.12	***65***
350		Pour Pier Stem	1 day	9/9/15	9/10/15	349	501.34	***100***
351		Cure Pier Stem	7 days	9/10/15	9/17/15	350		
356		Form Pedestals	0.5 days	9/10/15	9/10/15	350		
357		Pour Pedestals	0.25 days	9/11/15	9/11/15	356	501.34	***0.75***
358		Cure Pedestals	7 days	9/11/15	9/18/15	357		
352		Backfill Pier Stem	1 day	9/17/15	9/18/15	351	204.30	***100***
359		Set Bearings	0.5 days	9/18/15	9/18/15	357,358		
353		Remove Cofferdam Bracing	2 days	9/18/15	9/22/15	352		
354		Pull Cofferdam Sheeting	6 days	9/22/15	9/30/15	353		
355		Place Stone Fill	0.5 days	9/30/15	9/30/15	354	613.12	***50***
267		**Ripley Abutment 1**	**69.38 days**	**4/19/16**	**7/27/16**			
268		Excavate for Abutment 1	1 day	4/19/16	4/19/16	265	204.25	***160***
269		Mob. Pile Driving Equipment	1 day	4/20/16	4/20/16	268	504.10	***0.17***
270		Drive Test Pile	0.5 days	4/21/16	4/21/16	269	505.19	***41***
271		Dynamic Pile Load Test	1 day	4/21/16	4/22/16	270	505.45	***1***
272		Drive Piles for Abutment 1	5.5 days	4/22/16	4/29/16	271	505.19	***902***
273		Cut-Off Piles	1 day	5/2/16	5/2/16	272		
274		Form Abutment Footing	2 days	5/3/16	5/4/16	273		
275		Rebar for Abutment Footing	2 days	5/5/16	5/6/16	274	507.11	***4710***
276		Pour Abutment Footing	1 day	5/9/16	5/9/16	275	501.34	***70***
277		Cure Abutment Footing	7 days	5/10/16	5/16/16	276		
278		Form 1 Seat/WW	4 days	5/10/16	5/13/16	276		

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ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantity
279		Rebar 1 Seat/WW	2 days	5/16/16	5/17/16	278	507.11	2250
280		Pour 1 Seat/WW	0.5 days	5/18/16	5/18/16	279	501.34	38
281		Cure 1 Seat/WW	7 days	5/18/16	5/25/16	280		
282		Form 2 Seat/WW	4 days	5/18/16	5/24/16	280		
283		Rebar 2 Seat/WW	1.5 days	5/24/16	5/25/16	282	507.11	2250
284		Pour 2 Seat/WW	0.5 days	5/26/16	5/26/16	283	501.34	38
285		Cure 2 Seat/WW	7 days	5/26/16	6/2/16	284		
290		Form Pedestals	0.5 days	5/26/16	5/26/16	284		
291		Pour Pedestals	0.25 days	5/27/16	5/27/16	290	501.34	0.5
292		Cure Pedestals	7 days	5/27/16	6/3/16	291		
286		Backfill Abutment	1 day	6/2/16	6/3/16	285	204.30	170
293		Set Bearings	0.5 days	6/3/16	6/3/16	291,292		
287		Excavate for Stone Fill	1 day	6/3/16	6/6/16	286	203.27	100
288		Place Stone Fill	1.5 days	6/6/16	6/7/16	287	613.12	225
289		Grubbing Material	1 day	6/8/16	6/8/16	288	651.40	125
294		Form Backwall	2.5 days	7/14/16	7/18/16	361		
295		Rebar for Backwall	1 day	7/18/16	7/19/16	294	507.12	2130
296		Pour Backwall	0.5 days	7/19/16	7/20/16	295	501.34	14
297		Cure Backwall	7 days	7/20/16	7/27/16	296		
298		**Ripley Abutment 2**	**64.38 days**	**5/3/16**	**8/3/16**			
299		Excavate for Abutment 2	1 day	5/3/16	5/3/16	273	204.25	160
300		Mob. Pile Driving Equipment	1 day	5/4/16	5/4/16	299	504.10	0.17
301		Drive Test Pile	0.5 days	5/5/16	5/5/16	300	505.19	41
302		Dynamic Pile Load Test	1 day	5/5/16	5/6/16	301	505.45	1
303		Drive Piles for Abutment 2	5.5 days	5/6/16	5/13/16	302	505.19	861
304		Cut-Off Piles	1 day	5/16/16	5/16/16	303		
305		Form Abutment Footing	2 days	5/26/16	5/31/16	284,304		
306		Rebar for Abutment Footing	2 days	5/31/16	6/2/16	305	507.11	4280
307		Pour Abutment Footing	1 day	6/2/16	6/3/16	306	501.34	70
308		Cure Abutment Footing	7 days	6/3/16	6/10/16	307		
309		Form 1 Seat/WW	4 days	6/3/16	6/9/16	307		
310		Rebar 1 Seat/WW	2 days	6/9/16	6/13/16	309	507.11	1830
311		Pour 1 Seat/WW	1 day	6/13/16	6/14/16	310	501.34	38
312		Cure 1 Seat/WW	7 days	6/14/16	6/21/16	311		
313		Form 2 Seat/WW	4 days	6/14/16	6/20/16	311		
314		Rebar 2 Seat/WW	1.5 days	6/20/16	6/21/16	313	507.11	1830
315		Pour 2 Seat/WW	1 day	6/22/16	6/22/16	314	501.34	38
316		Cure 2 Seat/WW	7 days	6/23/16	6/29/16	315		
321		Form Pedestals	0.5 days	6/23/16	6/23/16	315		
322		Pour Pedestals	0.25 days	6/23/16	6/23/16	321	201.34	0.5
323		Cure Pedestals	7 days	6/23/16	6/30/16	322		
317		Backfill Abutment	1 day	6/29/16	6/30/16	316	204.30	170
324		Set Bearings	0.5 days	6/30/16	7/1/16	322,323		
318		Excavate for Stone Fill	1 day	6/30/16	7/1/16	317	203.27	100
319		Place Stone Fill	1.5 days	7/1/16	7/6/16	318	613.12	225
320		Grubbing Material	1 day	7/6/16	7/7/16	319	651.40	125

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BRF 3000 (16 & 19)

Critical | Split | Finish-only | Baseline Milesto
Critical Split | Task Progress | Duration-only | Milestone
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Task | Start-only | Baseline Split | Summary

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantity
325		Form Backwall	2.5 days	7/21/16	7/25/16	362		
326		Rebar for Backwall	1 day	7/25/16	7/26/16	325	507.12	2500
327		Pour Backwall	0.5 days	7/26/16	7/27/16	326	501.34	14
328		Cure Backwall	7 days	7/27/16	8/3/16	327		
392		**Ripley Road Utilities/Roadwork**	**146.13 days**	**3/10/16**	**10/5/16**			
393		**Ripley Road Sewer**	**101.88 days**	**3/10/16**	**8/3/16**			
394		Notify for Start of Sewer	1 day	3/10/16	3/11/16	395FS-30 d		
395		Set Sanitary Manhole	2.5 days	4/19/16	4/21/16	256,260,26	604.22	5
396		Install 8" DI Sewer	3 days	4/21/16	4/26/16	395	628.28	510
397		Set Manhole Covers	1.25 days	4/26/16	4/27/16	396	604.56	5
398		Test Sanitary Sewer	2 days	7/29/16	8/2/16	397,365		
399		Transfer to New Sewer	1 day	8/2/16	8/3/16	365,398	628.42	1
400		**Ripley Road Water**	**94.63 days**	**3/17/16**	**8/1/16**			
401		Notify for Start of Waterline	1 day	3/17/16	3/18/16	402FS-30 d		
402		Relocate Hydrant	1 day	4/27/16	4/28/16	397	629.29	1
403		Install 8" DI Waterline	1 day	4/28/16	4/29/16	402	629.24	97
404		Install 8" Gate Valves	0.5 days	4/29/16	5/2/16	403	629.27	2
405		Install 8" Tapping Sleeve & Valve	2 days	5/2/16	5/4/16	404	629.35	2
406		Test Waterline	2 days	7/27/16	7/29/16	405,364		
407		Transfer to New Watermain	1 day	7/29/16	8/1/16	364,406	629.42	1
408		**Ripley Road Roadwork**	**107.38 days**	**5/4/16**	**10/5/16**			
411		Install Drainage Structures	4 days	5/4/16	5/10/16	405	541.25	40
409		18" CPEP Drainage Pipe	3 days	5/10/16	5/13/16	411	601.2615	431
410		18" End Section	0.25 days	5/13/16	5/13/16	409	601.7015	1
412		24" CPEP Drainage Pipe	2 days	5/13/16	5/17/16	410	601.2620	351
413		24" End Section	0.25 days	5/17/16	5/17/16	412	601.7020	1
414		Set Frames and Grates	4 days	5/17/16	5/23/16	413	604.47	12
415		Remove Stone Wall	0.5 days	5/23/16	5/24/16	414	529.25	12
416		Road Reconstruction	6 days	5/24/16	6/2/16	415	203.15	3800
417		Place Sand Borrow	2 days	6/2/16	6/6/16	416	203.31	1300
418		6" Underdrain	1 day	6/6/16	6/7/16	417	605.10	575
419		6" Underdrain Carrier Pipe	0.25 days	6/7/16	6/7/16	418	605.20	15
420		Underdrain Flushing Basin	0.25 days	6/7/16	6/7/16	419	605.95	3
421		Subbase for Road Reconstruction	5 days	6/7/16	6/14/16	420	301.35	2300
422		CIP Concrete Curb	4 days	6/14/16	6/20/16	421	616.28	710
423		5" Sidewalk	5 days	6/20/16	6/27/16	422	618.10	400
424		Detectable Warning Surface	1 day	6/27/16	6/28/16	423	618.30	20
425		8" Sidewalk	1.5 days	6/28/16	6/30/16	424	618.11	30
426		Mill Pavement	1 day	6/30/16	7/1/16	425	210.10	500
427		Pave Base Course	1.5 days	9/14/16	9/16/16	426,387	490.30	550
428		Pave Binder Course	1.5 days	9/16/16	9/19/16	427	490.30	375
429		Temp. Pavement Marking	1 day	9/19/16	9/20/16	428		
430		Topsoil	3 days	9/19/16	9/22/16	428	651.35	400
431		Seed, Winter Rye	1 day	9/22/16	9/23/16	430	651.17	130

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Bridge Project City of Rutland
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Critical Split	Task Progress	Duration-only	Milestone
Critical Progress	Manual Task	Baseline	Summary Progre
Task	Start-only	Baseline Split	Summary

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
432		Install Guiderail	2 days	9/23/16	9/27/16	431	621.20	183
433		Energy Absorption Attenuator	1 day	9/27/16	9/28/16	432	621.56	6
434		Anchor for Steel Beam Rail	1 day	9/28/16	9/29/16	433	621.60	4
435		Guiderail Approach Section	1 day	9/29/16	9/30/16	434,387	621.80	4
436		Install Sign Posts	0.25 days	9/30/16	9/30/16	435	675.341	220
437		Traffic Signs	0.25 days	9/30/16	10/3/16	436	675.20	90
438		Pave Top Course	1.5 days	10/3/16	10/4/16	450,435,43	490.30	375
439		Pavement Striping	1 day	10/4/16	10/5/16	438		
360		**Ripley Superstructure**	**53.75 days**	**7/7/16**	**9/22/16**			
361		Set Truss Span 1	5 days	7/7/16	7/14/16	359,293,32	900.645	0.5
362		Set Truss Span 2	5 days	7/14/16	7/21/16	361,355	900.645	0.5
363		Install Sidewalk Brackets	2 days	7/21/16	7/25/16	362		
364		Install Watermain on Bridge	2 days	7/25/16	7/27/16	363,27	900.645	1
365		Install Sewer Main on Bridge	2 days	7/27/16	7/29/16	364,26	900.645	1
366		Form Deck Span 1	9 days	7/29/16	8/4/16	365		
367		Rebar Deck Span 1	4 days	8/5/16	8/10/16	366		
368		Set Bridge Joint	2 days	8/5/16	8/8/16	366,21	516.11	30.5
369		Pour Deck Span 1	1 day	8/11/16	8/11/16	367,368		
371		Form Deck Span 2	11 days	8/11/16	8/19/16	369		
370		Cure Deck Span 1	10 days	8/12/16	8/21/16	369		
372		Rebar Deck Span 2	5 days	8/19/16	8/26/16	371		
373		Pour Deck Span 2	1 day	8/26/16	8/29/16	372		
374		Cure Deck Span 2	10 days	8/29/16	9/8/16	373		
375		Form Sidewalk	4 days	8/29/16	9/2/16	373		
376		Rebar for Sidewalk	3 days	9/2/16	9/8/16	375		
377		Install Sidwalk Joint	0.5 days	9/2/16	9/2/16	375	516.11	6.75
378		Pour Sidewalk	1 day	9/8/16	9/9/16	376,377		
380		Form Curb	2 days	9/8/16	9/12/16	374,370		
379		Cure Sidewalk	10 days	9/9/16	9/19/16	378		
383		Place Subbase for Approach Slabs	0.5 days	9/9/16	9/9/16	297,328,37	301.35	52
384		Form Approach Slabs	1 day	9/9/16	9/12/16	383		
381		Rebar for Curb	0.5 days	9/12/16	9/12/16	380	507.12	3720
382		Pour Curb	1 day	9/12/16	9/13/16	381	501.33	18
385		Rebar for Approaches	1 day	9/12/16	9/13/16	384	507.12	6000
386		Cure Curb	7 days	9/13/16	9/20/16	382		
387		Pour Approaches	1 day	9/13/16	9/14/16	385	501.34	52
391		Install Bridge Rail	2 days	9/13/16	9/15/16	382	525.44	425
388		Cure Approaches	7 days	9/14/16	9/21/16	387		
390		Install Pedestrian Rail	2 days	9/19/16	9/21/16	379	900.640	265
389		Joint Sealer	0.5 days	9/21/16	9/22/16	388	524.11	56
440		**Ripley Road Bridge Demo**	**23.5 days**	**8/29/16**	**9/30/16**			
441		Remove Temp. Bridge	8 days	8/29/16	9/9/16	399,407,37	900.645	1
443		Install Shielding Over Stream	3 days	8/29/16	9/1/16	399,407,37		
442		Return Bridge to VAOT	8 days	8/30/16	9/12/16	441SS+1 da		
444		Remove Bridge Pavement	0.5 days	9/9/16	9/9/16	441	529.10	381

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Critical	Split	Finish-only	Baseline Mileston
Critical Split	Task Progress	Duration-only	Milestone
Critical Progress	Manual Task	Baseline	Summary Progres
Task	Start-only	Baseline Split	Summary

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
445		Remove Deck	4 days	9/9/16	9/15/16	444,443		
446		Remove Span 1 Steel	2 days	9/15/16	9/19/16	445	529.15	0.5
447		Remove Span 2 Steel	2 days	9/19/16	9/21/16	446	529.15	0.5
448		Demo Pier	5 days	9/21/16	9/28/16	447	529.25	148
449		Remove Causeway	2 days	9/28/16	9/30/16	448		
450		Demo Abutments	0.5 days	9/28/16	9/29/16	448	529.25	2
451		**Final Ripley Sitework**	**2 days**	**4/28/17**	**5/2/17**			
452		Seed	2 days	4/28/17	5/2/17	450,11FS+(	651.15	100

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