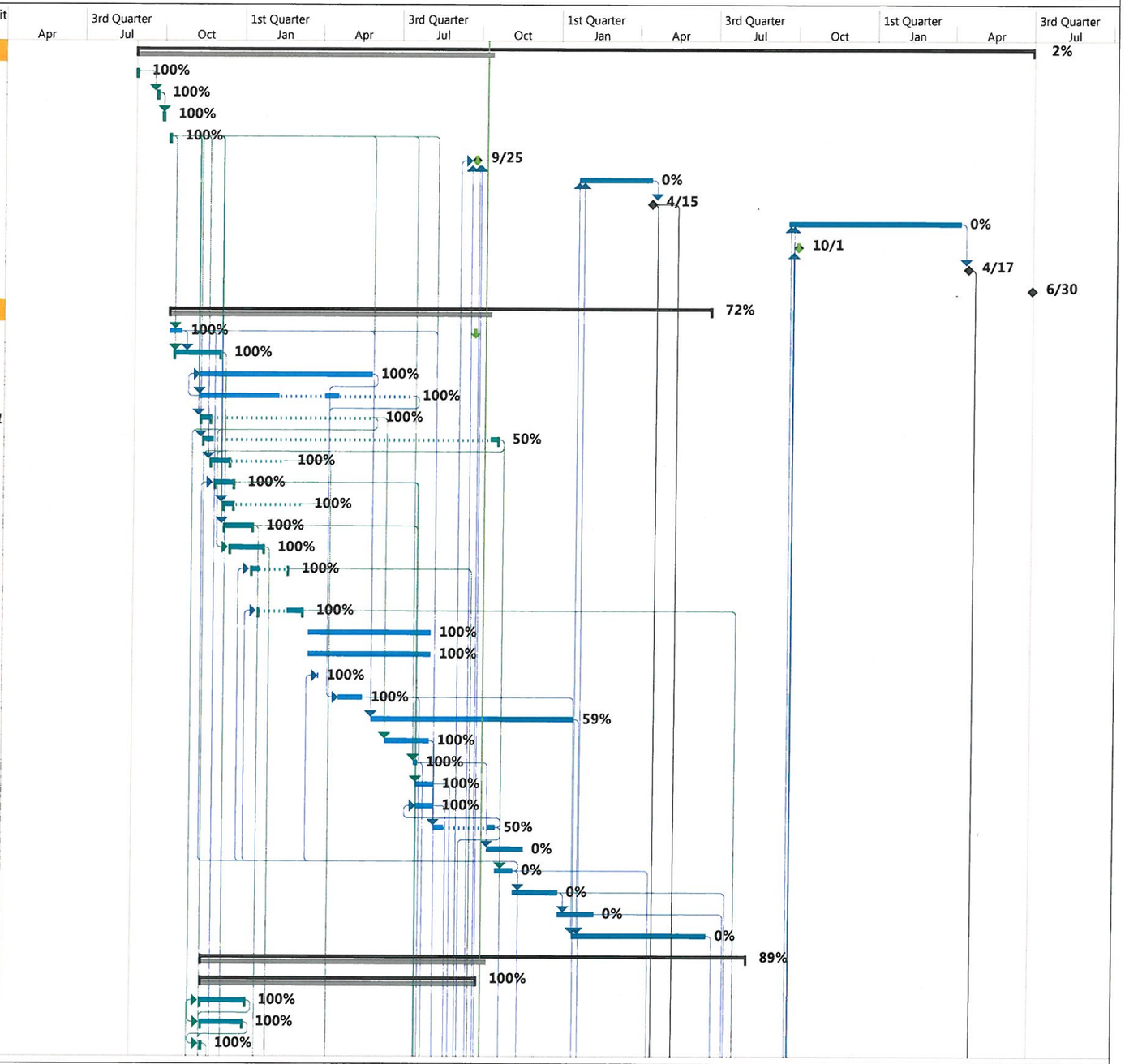
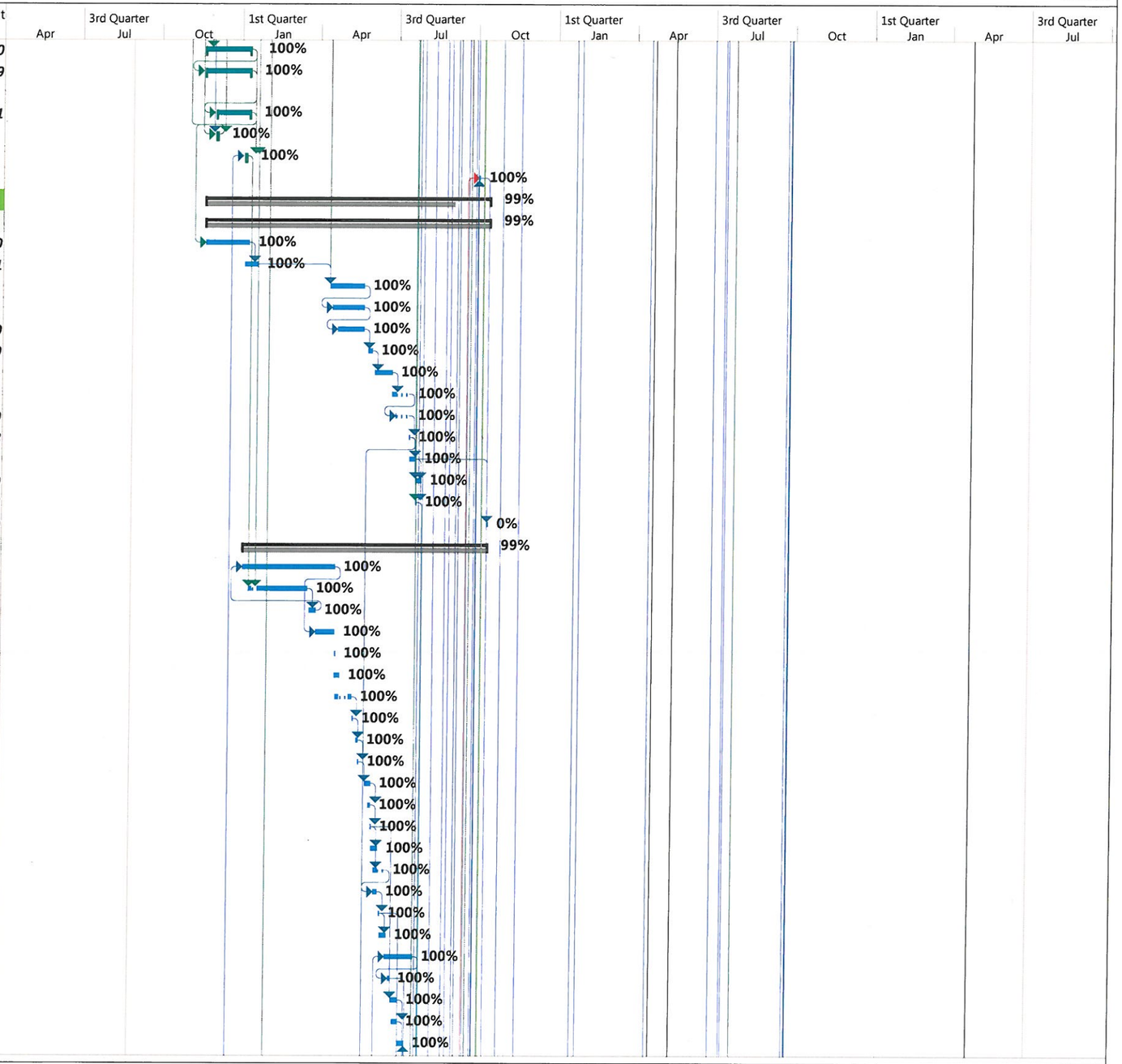
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
1		**Administrative**	**716 days**	**8/29/14**	**6/30/17**			
2		Bid Letting	1 day	8/29/14	8/29/14			
3		Project Award	1 day	9/22/14	9/22/14	2		
4		Preconstruction Meeting	1 day	9/29/14	9/29/14	3		
5		Notice to Proceed	1 day	10/7/14	10/7/14			
8		Interim Completion BRF3000 (16)	0 days	9/25/15	9/25/15	228,226,14		
6		2015-2016 Winter Shut Down	60 days	1/22/16	4/15/16	249,321,28		
7		2016 Startup	0 days	4/15/16	4/15/16	6		
9		2016-2017 Winter Shut Down	139 days	9/21/16	4/7/17	442,455		
12		Interim Completion BRF3000 (19)	0 days	10/1/16	10/1/16	394,395,39		
11		2017 Startup	0 days	4/17/17	4/17/17	9		
10		Project Completion	0 days	6/30/17	6/30/17			
13		**Submittals**	**431 days**	**10/8/14**	**6/23/16**			
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		
28		Paint Submittal River St Bridge	136 days	11/12/14	5/29/15	34SS		
34		Girder Shops	72 days	11/12/14	7/16/15	5,33		
40		EPSC Plan River Street	7.5 days	11/14/14	5/29/15	5,33	652.10	*1*
41		Traffic Control Plan River Street	15 days	11/17/14	10/23/15	5,33		
16		Drilled Shaft Submittal	15 days	11/26/14	2/17/15	5,33		
22		Bearing Submittal	16 days	12/1/14	12/22/14	15		
17		Lighting Plan	7.5 days	12/11/14	3/9/15	5,33		
39		Cofferdam Design River St	19 days	12/12/14	1/13/15	5,33		
37		Wave Equation Analysis	23 days	12/19/14	1/26/15	40,41		
23		Guardrail Approach Section Submittal	7.5 days	1/13/15	2/23/15	15		
21		Expansion Joint Submittal	15 days	1/21/15	3/13/15	15		
24		Waterline Submittal River St	99 days	3/20/15	8/7/15			
25		Sewer System Submittal River St	99 days	3/20/15	8/7/15			
18		Concrete Mix Designs	1 day	3/31/15	3/31/15	15		
38		Fabricate Girders	20 days	4/24/15	5/21/15	34,28		
29		Truss Design	160 days	6/1/15	1/20/16	5,33		
14		EPSC Plan Ripley Road	36 days	6/17/15	8/6/15	40	652.10	*1*
19		Erection Plan - River Street	5 days	7/20/15	7/24/15	5		
31		Cofferdam Design Ripley St	15 days	7/23/15	8/12/15	39		
32		Causeway Design Ripley St	15 days	7/23/15	8/12/15	36		
36		Causeway Design River St	15 days	8/13/15	10/23/15	5,33		
20		Erection Plan - Ripley Road	30 days	10/14/15	11/24/15	19		
15		Traffic Control Plan Ripley Road	15 days	10/23/15	11/13/15	41		
26		Sewer on Bridge Submittal Ripley	30 days	11/13/15	1/4/16	15		
27		Water on Bridge Submittal Ripley	30 days	1/4/16	2/15/16	26		
30		Fabricate Trusses	110 days	1/21/16	6/23/16	29,38		
42		**BRF 3000 (16) River Street**	**432.5 days**	**11/19/14**	**8/9/16**			
162		**River Street Start-up**	**219 days**	**11/19/14**	**10/2/15**			
163		Mob. Equipment	32 days	11/19/14	1/9/15	169		
164		Install Silt Fence	28 days	11/20/14	1/6/15	40	649.51	*200*
165		Install Silt Fence Reinforced	1 day	11/20/14	11/20/14	164	649.515	*179*



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

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
166		Install barrier Fence	31 days	11/20/14	1/9/15	165	653.50	***1110***
167		Install Project Demarcation Fence	31 days	11/20/14	1/9/15	166	653.55	***1429***
168		Clear & Grub	24 days	12/3/14	1/9/15	163,164,16	201.10	***1***
169		Construction Signs	1 day	12/3/14	12/3/14	33,41,35		
170		Detour Dorr Road Traffic	1 day	1/5/15	1/5/15	39,166,236		
171		Remove Dorr Road Detour	1 day	10/2/15	10/2/15	148,129		
172		**River Street Substructure**	**225 days**	**11/21/14**	**10/14/15**			
173		**River Street Pier**	**225 days**	**11/21/14**	**10/14/15**			
174		Access for Drill Equipment	30 days	11/21/14	1/9/15	168	653.35	***350***
175		Mob. Drilling Equipment	11 days	1/5/15	1/19/15	174	900.645	***1***
176		Drive Temp. Casing	29.5 days	4/13/15	5/22/15	175,16,17		
177		Clean Out Casing/Drilling	26.5 days	4/16/15	5/22/15	176		
178		Obstruction Drilling	22.5 days	4/22/15	5/22/15	177	900.640	***10***
179		Set Reinforcing & Pour Shaft	3 days	5/28/15	6/1/15	178	900.640	***89***
180		CSL Testing	14 days	6/5/15	6/24/15	179		
181		Form Pier Hammerhead	3 days	6/25/15	7/14/15	180		
182		Install Pier Reinforcing	0.75 days	6/29/15	7/14/15	181	507.11	***23940***
183		Pour Pier Hammerhead	1 day	7/15/15	7/15/15	182	201.34	***78***
184		Cure Pier Hammerhead	7 days	7/16/15	7/22/15	183		
187		Place Stone Fill	5 days	7/22/15	7/29/15	183,184	613.12	***500***
186		Set Bearings	1 day	7/23/15	7/23/15	184,22	531.15	***5***
185		Apply Water Repellant	1 day	10/14/15	10/14/15	184	514.10	***10***
188		**River Street Abutment 1**	**199.75 days**	**1/5/15**	**10/14/15**			
192		Exc. Cofferdam Rock	77 days	1/5/15	4/21/15	190	208.35	***90***
189		Drive Sheeting for Cofferdam	45.75 days	1/12/15	3/20/15	39,170	208.40	***1***
190		Install Cofferdam Bracing	7.25 days	3/23/15	3/30/15	189		
191		Exc. Cofferdam Earth	16 days	3/31/15	4/21/15	192	208.30	***750***
195		Drive Test Pile	1 day	4/22/15	4/22/15			
197		Dynamic Pile Load Test	4.75 days	4/22/15	4/27/15		505.45	***1***
196		Drive Piles	5 days	4/23/15	5/11/15		505.20	***2700***
193		Tremie Seal Cofferdam	1 day	5/13/15	5/13/15	196	541.31	***340***
194		Dewater Cofferdam	2.25 days	5/18/15	5/19/15	193		
198		Cut-Off Piles	1 day	5/20/15	5/20/15	194		
199		Form Abutment Footing	6 days	5/28/15	6/3/15	198		
200		Rebar for Abutment Footing	3.5 days	6/1/15	6/3/15	199	507.11	***10880***
201		Pour Abutment Footing	1 day	6/4/15	6/4/15	200	501.34	***114***
202		Cure Abutment Footing	7 days	6/4/15	6/12/15	201		
203		Form 1 Seat/WW	6.13 days	6/8/15	6/20/15	201		
205		Rebar 1 Seat/WW	6 days	6/8/15	6/12/15	203	507.11	***11903***
206		Pour 1 Seat/WW	1 day	6/15/15	6/15/15	205	501.34	***60***
207		Cure 1 Seat/WW	7 days	6/15/15	6/23/15	206		
224		Backfill Abutment	29.75 days	6/22/15	7/24/15	214,223	204.30	***670***
225		Remove Cofferdam Bracing	1.13 days	6/26/15	6/27/15	224		
211		Form 3 Seat/WW	7.25 days	6/29/15	7/7/15	201		
212		Rebar 3 Seat/WW	3.5 days	7/1/15	7/7/15	211	507.11	***9603***
204		Cure Pour 3 Seat/WW	7 days	7/8/15	7/15/15	213		



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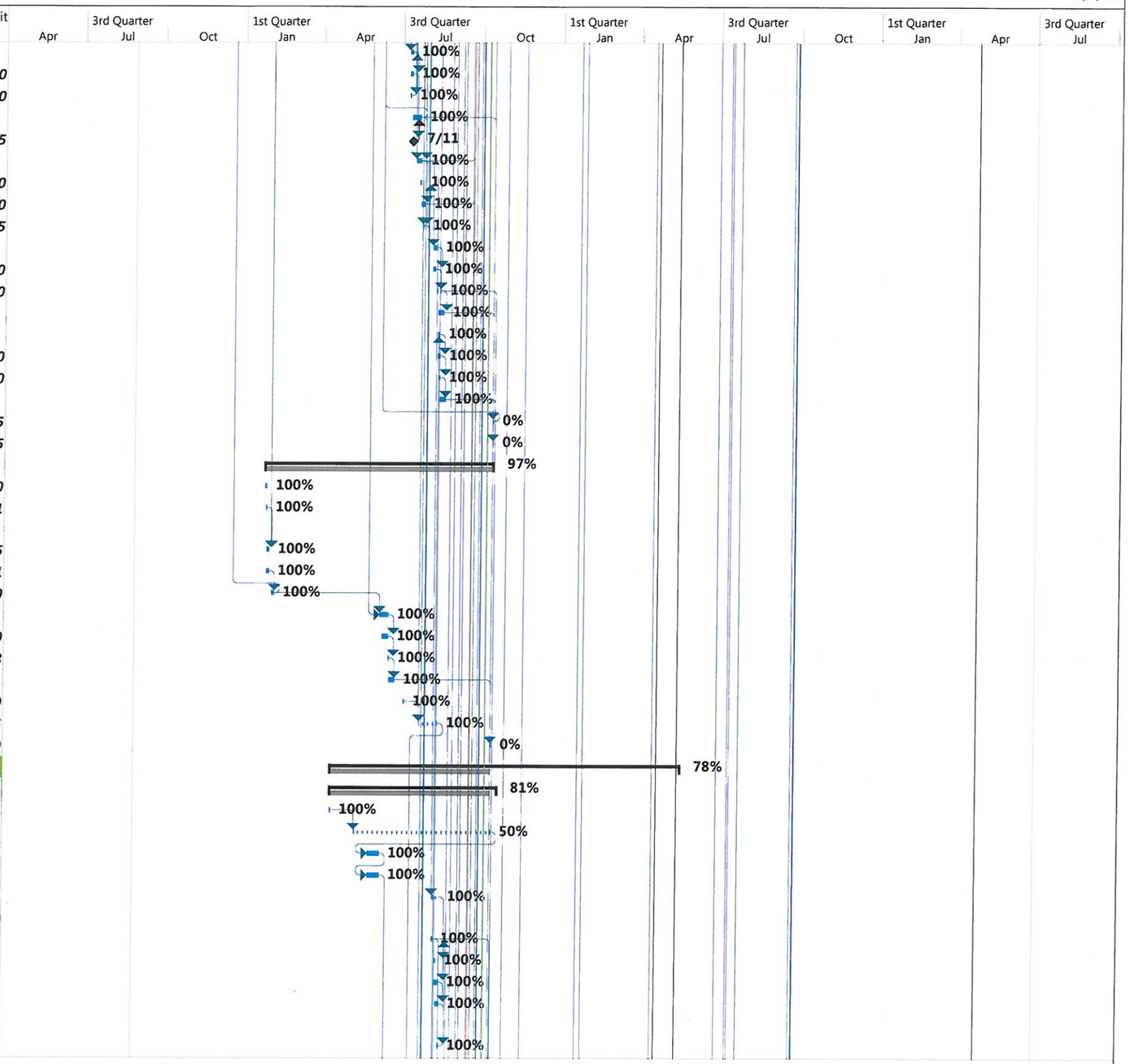
Critical	Split	Finish-only	Baseline Milestone	Manual Summary	Inactive Task
Critical Split	Task Progress	Duration-only	Milestone	Project Summary	Inactive Milestone
Critical Progress	Manual Task	Baseline	Summary Progress	External Tasks	Inactive Summary
Task	Start-only	Baseline Split	Summary	External Milestone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

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
208		Form 2 Seat/WW	3.5 days	7/8/15	7/10/15	206,213		
209		Rebar 2 Seat/WW	3.5 days	7/8/15	7/10/15	208	507.11	***10000***
213		Pour 3 Seat/WW	1 day	7/8/15	7/8/15	212	501.34	***40***
214		Cure Pour 2	7 days	7/11/15	7/20/15	210		
210		Pour 2 Seat/WW	0 days	7/11/15	7/11/15	209	501.34	***145***
226		Pull Cofferdam Sheeting	4.75 days	7/16/15	7/21/15	225,214		
229		Grubbing Material	2 days	7/20/15	7/21/15	228	651.40	***690***
228		Place Stone Fill	3 days	7/22/15	7/25/15	226FS+2 da	613.12	***1500***
227		Set Bearings	1 day	7/24/15	7/24/15	226,22	531.17	***5***
215		Form WW Tops	3 days	8/5/15	8/8/15	226		
216		Rebar WW Tops	3 days	8/5/15	8/7/15	215	507.12	***800***
217		Pour WW Tops	1 day	8/10/15	8/14/15	216	501.34	***20***
218		Cure WW Tops	7 days	8/11/15	8/17/15	217		
220		Form Backwall	2 days	8/11/15	8/12/15	44		
221		Rebar Backwall	2 days	8/11/15	8/13/15	220	507.12	***2700***
222		Pour Backwall	1 day	8/13/15	8/13/15	221	501.34	***40***
230		Cure Backwall	7 days	8/14/15	8/20/15	222		
223		Apply Water Repellant Stem	1 day	10/13/15	10/14/15	214	514.10	***25***
219		Apply Water Repellant WW's	0.25 days	10/14/15	10/14/15	218	514.10	***5***
231		**River Steet Abutment 2**	**185 days**	**1/26/15**	**10/14/15**			
232		Excavate for Abutment 2	2 days	1/26/15	1/27/15		204.25	***240***
233		Mob. Equipment for Pile Driving	1 day	1/27/15	1/27/15		504.10	***0.1***
234		Drive Test Pile	3 days	1/28/15	1/30/15	233,37	505.165	***65***
235		Dynamic Pile Load Test	3 days	1/28/15	1/30/15		505.45	***1***
236		Drive Production Piles	3 days	2/3/15	2/5/15	235	505.165	***260***
237		Form Abutment Seat	8 days	6/8/15	6/17/15	236,183		
238		Rebar for Abutment Seat	5 days	6/11/15	6/17/15	237	507.12	***6800***
239		Pour Abutment Seat	1 day	6/18/15	6/18/15	238	501.34	***58***
240		Cure Abutment Seat	7 days	6/19/15	6/25/15	239		
243		Backfill Abutment 2	1 day	7/6/15	7/6/15		204.30	***180***
242		Set Bearings	1 day	7/24/15	8/14/15	243,22	531.17	***5***
241		Apply Water Repellant	1 day	10/14/15	10/14/15	240	514.10	***10***
80		**River Street Utilities/Roadwork**	**279.5 days**	**4/13/15**	**5/19/16**			
81		**River Street Sewer**	**135 days**	**4/13/15**	**10/21/15**			
85		Notify Start of Sewer Work	1 day	4/13/15	4/13/15			
93		Rehab Manhole River St	2 days	5/11/15	10/14/15	85FS+10 da	604.418	***1***
94		10" SDR35 River St	10 days	5/27/15	6/9/15	93	900.640	***510***
95		4' Dia. Sanitary MH & Test-River	10 days	5/27/15	6/9/15	94	900.620	***2***
87		10" DIP Sewer Dorr Rd/Bypass Pump	1.75 days	8/10/15	8/17/15	226	900.640	***330***
92		Rehab Manhole at N. Dorr	1 day	8/10/15	8/10/15	91	604.15	***1***
88		6" SDR35 Sewer Service	1 day	8/14/15	8/14/15	87	900.640	***35***
89		4' Dia. Sanitary MH & Test	2 days	8/14/15	8/17/15	87	900.620	***2***
90		10" SDR35 Sewer Dorr Rd/ Bypass Pump	2 days	8/15/15	8/18/15	89	900.640	***280***
91		4' Dia. Sanitary MH & Test	1 day	8/18/15	8/18/15	90	900.620	***1***



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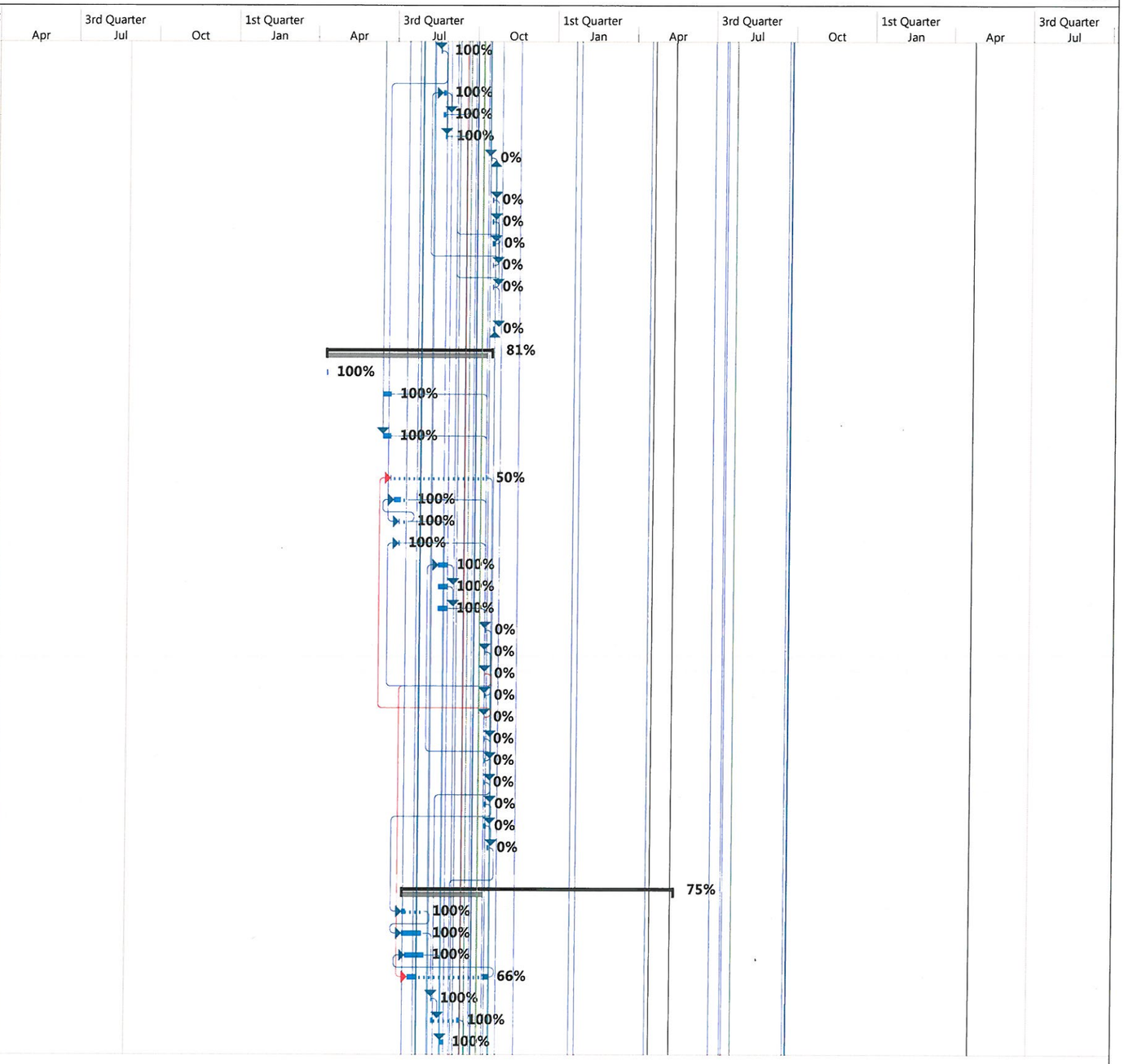
Task	Start-only	Baseline Split	Summary	External Milestone	Deadline

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
86		Rehab Manhole at Pump Station	1 day	8/19/15	8/19/15	92	604.418	*1*
82		12" C900 Sewer Overflow	1 day	8/22/15	8/24/15	99	900.640	*60*
84		Flapper Valve and Headwall	1 day	8/22/15	8/24/15	82	900.645	*1*
96		6" DI Sewer Force Main	2 days	8/25/15	8/26/15	86	900.640	*203*
97		Bypass Pump for Force Main Tie in	1 day	10/16/15	10/16/15	57,92	628.42	*1*
98		Emergency Backup Port	0.5 days	10/19/15	10/19/15	97	900.645	*1*
100		6" Valves in Dry Well	1 day	10/19/15	10/19/15	97	629.26	*4*
102		Pump Station Modifications	3 days	10/19/15	10/21/15	97	900.645	*1*
99		Emerg. BU Port Valves	0.5 days	10/19/15	10/19/15	98	629.27	*2*
101		6" Swing Check Valve in Dry Well	0.5 days	10/20/15	10/20/15	100	900.620	*2*
83		Test Sanitary Sewer	1 day	10/20/15	10/21/15	101,57		
103		**River Street Water**	**133 days**	**4/13/15**	**10/19/15**			
107		Notify Start of Water Work	1 day	4/13/15	4/13/15			
106		10" Waterline on River Street West	7 days	6/17/15	6/25/15		900.640	*500*
117		10" DI Waterline on River St East	7 days	6/17/15	6/25/15	95	900.640	*75*
121		2" Copper Water Service	1 day	6/26/15	10/14/15	120	900.640	*25*
108		10" DI Waterline on Dorr Rd	5 days	6/30/15	7/16/15	109	900.640	*700*
109		10" Gate Valve on Dorr Rd	0.6 days	7/6/15	7/16/15	86	629.27	*5*
119		6" Gate Valve	1 day	7/6/15	7/6/15	118	629.27	*1*
113		1" Corp Stops	7 days	8/21/15	8/31/15	112	629.39	*2*
114		1" Copper Water Service	7 days	8/21/15	8/31/15	113	900.640	*60*
115		1" Curb Stop	7 days	8/21/15	8/31/15	114	629.25	*2*
105		10" Gate Valve on River St	1 day	10/14/15	10/14/15	106	629.27	*1*
110		Install Hydrant	0.5 days	10/14/15	10/14/15	108	629.28	*1*
116		Test Dorr Rd Waterline	1 day	10/14/15	10/14/15	115		
118		10" Gate Valve on River St	1 day	10/14/15	10/14/15	117	629.27	*1*
120		2" Corp. Stop	0.25 days	10/14/15	10/14/15	119	629.39	*1*
111		6" DI Waterline	0.25 days	10/14/15	10/14/15	110	900.640	*30*
112		6" Hydrant Valve	0.25 days	10/14/15	10/14/15	111	629.27	*1*
122		2" Curb Stop	0.25 days	10/14/15	10/14/15	121	629.25	*1*
104		Test River St Waterline West	2 days	10/15/15	10/16/15	105		
123		Test River St Waterline East	2 days	10/15/15	10/16/15	122		
124		Tie-in Waterline on River Street	1 day	10/19/15	10/19/15	123	629.42	*1*
125		**River Street Roadwork**	**216.5 days**	**7/13/15**	**5/19/16**			
139		Sand Borrow River St	4 days	7/13/15	8/7/15	104	203.31	*490*
140		Subbase River St	17 days	7/13/15	8/7/15	139	301.25	*1900*
132		Excavate/Fill for Road Recon	16 days	7/17/15	8/7/15	127	203.15	*2000*
127		18" CPEP Culverts	12.99 days	7/20/15	10/21/15	116	601.0915	*212*
141		Curb on River Street	1 day	8/17/15	8/17/15	140	616.28	*361*
143		5" Sidewalk	4.25 days	8/17/15	9/17/15	141	618.10	*235*
128		Excavate for Stone Wall	2 days	8/28/15	8/31/15	109	204.25	*200*



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133		Place Sand Borrow Dorr Rd	6 days	8/28/15	9/4/15	132	203.31	370
134		Place Subbase Dorr Rd	10 days	8/28/15	9/11/15	133	301.35	1830
130		2" Conduit to Pump Station	1 day	9/1/15	9/1/15	122	678.23	154
135		Curb on Dorr Rd	2 days	9/10/15	9/11/15	134	616.28	400
145		Detectable Warning Surface	0.5 days	9/16/15	9/17/15	143	618.30	22
144		8" Sidewalk	0.5 days	9/17/15	9/17/15	145	618.11	29
138		Pave Base & Binder Dorr Rd	2 days	9/19/15	9/22/15	134	490.30	475
146		Pave Base & Binder River St	2 days	9/19/15	9/22/15	124,96,144	490.30	350
126		Stone Wall South of Sta 499+00	15 days	9/21/15	10/9/15		602.20	90
159		Backup Shoulder Dorr Rd	4 days	9/22/15	9/25/15	138	401.10	25
148		Box Beam Guiderail River St	1 day	9/24/15	9/24/15	147	621.30	81
158		Temp. Pavement Marking	1 day	9/24/15	9/24/15	138,146	646.60	6450
160		Box Beam Guiderail Dorr	1 day	9/24/15	9/24/15	159	621.30	500
151		Traffic Signs	2 days	9/30/15	10/1/15	146	675.20	80
149		Ornamental Gate	1 day	10/2/15	10/30/15	129,126	900.645	1
131		Relocate Mailbox	1 day	10/5/15	10/5/15	122	617.10	1
129		Stone Wall North of Sta 499+00	14 days	10/12/15	10/29/15	126	602.20	90
136		Manhole Covers Dorr Rd	1 day	10/14/15	10/14/15	138	604.56	4
142		Manhole Covers River St	0.75 days	10/14/15	10/14/15	146	604.56	3
147		Backup Shoulder River St	0.5 days	10/14/15	10/14/15	146	401.10	31
161		Power Drop Stanchion	2 days	10/14/15	10/15/15	130	679.55	1
137		Change San. MH Elevation	0.5 days	10/15/15	10/15/15	136	604.42	1
152		Topsoil	2 days	10/30/15	11/2/15	146,129,12	651.35	300
153		Seed, Winter Rye	1 day	11/3/15	11/3/15	152	651.17	50
154		Chain Link Fence	3 days	11/4/15	11/6/15	153	620.12	712
157		Chain Link Gates	2 days	11/9/15	11/10/15	154	620.16	60
150		Deciduous Trees	1 day	4/18/16	4/18/16	7	656.30	12
155		Top Course Pavement	2.5 days	5/16/16	5/18/16	157,7FS+2(	490.30	570
156		Pavement Striping	1 day	5/18/16	5/19/16	155		
43		**River Street Superstructure**	**206.63 days**	**7/27/15**	**5/19/16**			
44		Set Girders	6 days	7/27/15	8/5/15	186,227,24	506.55	10190
46		Form Bridge Deck	11.25 days	8/6/15	9/19/15	45		
47		Form Overhang & Edge	7.13 days	8/6/15	8/11/15	45		
45		shear connectors	1 day	8/12/15	8/12/15	44	508.15	1
75		Install Vt Exp Joint	6 days	8/12/15	8/19/15	72	516.11	40
48		Rebar for Bridge Deck	8 days	8/13/15	8/19/15	47FS-5 day	507.12	89960
49		Dry Run Finishing Machine	1 day	8/19/15	8/19/15	48		
50		Place Bridge Deck 1 & 2	1 day	8/20/15	8/20/15	49	501.33	244
63		Form Texas Barrier South	15 days	8/20/15	9/10/15	58		
51		Cure Deck 1 & 2	10 days	8/21/15	8/30/15	50		
54		Form Sidewalk	1 day	8/24/15	9/3/15	53FS-2 day		
52		Place Deck 3	1 day	8/26/15	8/26/15	50FS+4 day	501.33	115
53		Cure Deck 3	10 days	8/27/15	9/5/15	52		
55		Pour Sidewalk	0.33 days	8/28/15	9/3/15	54	501.33	64
69		Place Granular Borrow	3 days	8/31/15	9/2/15	57	203.32	1030

Vermont Agency of Transportation
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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

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantity
70		Form Approach Slabs	5 days	9/1/15	9/8/15	69,64,66		
71		Rebar for Appoaches	5 days	9/2/15	9/9/15	70	507.11	8150
72		Pour Approaches	5 days	9/3/15	9/10/15	71	501.34	62
62		Cure Sidewalk	7 days	9/4/15	9/10/15	55		
65		Form Texas Barrier North	5 days	9/4/15	9/11/15	56		
64		Pour Texas Barrier South	1 day	9/11/15	9/11/15	63,69	900.640	278
73		Cure Approaches	9.87 days	9/11/15	10/18/15	72		
66		Pour Texas Barrier North	0 days	9/12/15	9/12/15	65	900.640	278
67		Cure Texas Rail	4 days	9/13/15	9/23/15	66		
77		Sheet Mem. Waterproofing	1 day	9/21/15	9/21/15	66,67	519.20	922
78		Pave Binder & Top on Bridge	1 day	9/22/15	9/22/15	77	490.30	78
74		Guiderail Approach Section	1 day	9/24/15	9/24/15	72,64,66,7	900.620	4
58		10" Waterline on Bridge	2 days	10/14/15	10/15/15	171	900.640	268.4
60		10" Waterline in Casing	1 day	10/14/15	10/14/15		900.640	54
68		Apply Water Repellant	1 day	10/14/15	10/14/15	67	514.10	10
57		6" Force Main in Casing	1 day	10/15/15	10/15/15	60	900.640	50
59		10" Expansion Assembly	0.25 days	10/16/15	10/16/15	58	629.40	1
56		6" Force Main on Bridge	2 days	10/16/15	10/20/15	217,230,62	900.640	272
61		6" Expansion Assembly	0.25 days	10/20/15	10/20/15	56	629.40	1
76		Install Asphaltic Plug Joint	1 day	5/18/16	5/19/16	155	516.10	81
79		Joint Sealer	0.13 days	5/19/16	5/19/16	78,155,76	524.11	32
244		**River Street Bridge Demo**	**220.5 days**	**9/24/15**	**8/9/16**			
245		Build River St Causeway	4 days	9/24/15	9/29/15	36	900.645	1
246		River Shielding Span 1	4 days	10/23/15	10/29/15	36,148,158		
247		Remove Deck & Sidewalk	7 days	10/29/15	11/9/15	245,246		
248		Remove Span 1 Steel	10 days	11/9/15	11/23/15	247		
249		Remove Span 2 Steel	5 days	11/23/15	12/2/15	248		
250		Demo Pier	5 days	7/1/16	7/8/16	249		
251		Demo Abtments	6 days	7/11/16	7/18/16	250		
252		Excavate Existing Roadway	3.5 days	7/19/16	7/22/16	251	203.15	2760
253		Place Stone Fill/Remove Causeway	5 days	7/22/16	7/29/16	252	613.12	1050
254		Grubbing Material	3 days	7/29/16	8/3/16	253	651.40	700
255		Topsoil	3 days	8/3/16	8/8/16	254	651.35	520
256		Seed	1 day	8/8/16	8/9/16	255	651.15	80
257		**BRF 3000 (19) Ripley Road**	**441 days**	**7/30/15**	**4/26/17**			
258		**Ripley Road Start-up**	**282 days**	**7/30/15**	**9/9/16**			
260		Install Silt Fence	1 day	7/30/15	10/14/15	14	649.51	275
261		Install Silt Fence Reinforced	1 day	7/30/15	10/14/15	260	649.515	345
262		Install Barrier Fence	1 day	7/30/15	7/30/15	261	653.50	770
263		Install Project Demarcation Fence	1 day	7/30/15	7/30/15	262	653.55	1320
264		Clear & Grub	21 days	7/31/15	8/28/15	263	201.10	1
259		Construction Signs	2 days	11/13/15	11/17/15	15		
268		Detour Traffic	1 day	4/18/16	4/18/16	15,7		
266		Remove Traffic Control System	3 days	4/19/16	4/21/16	268	678.45	1

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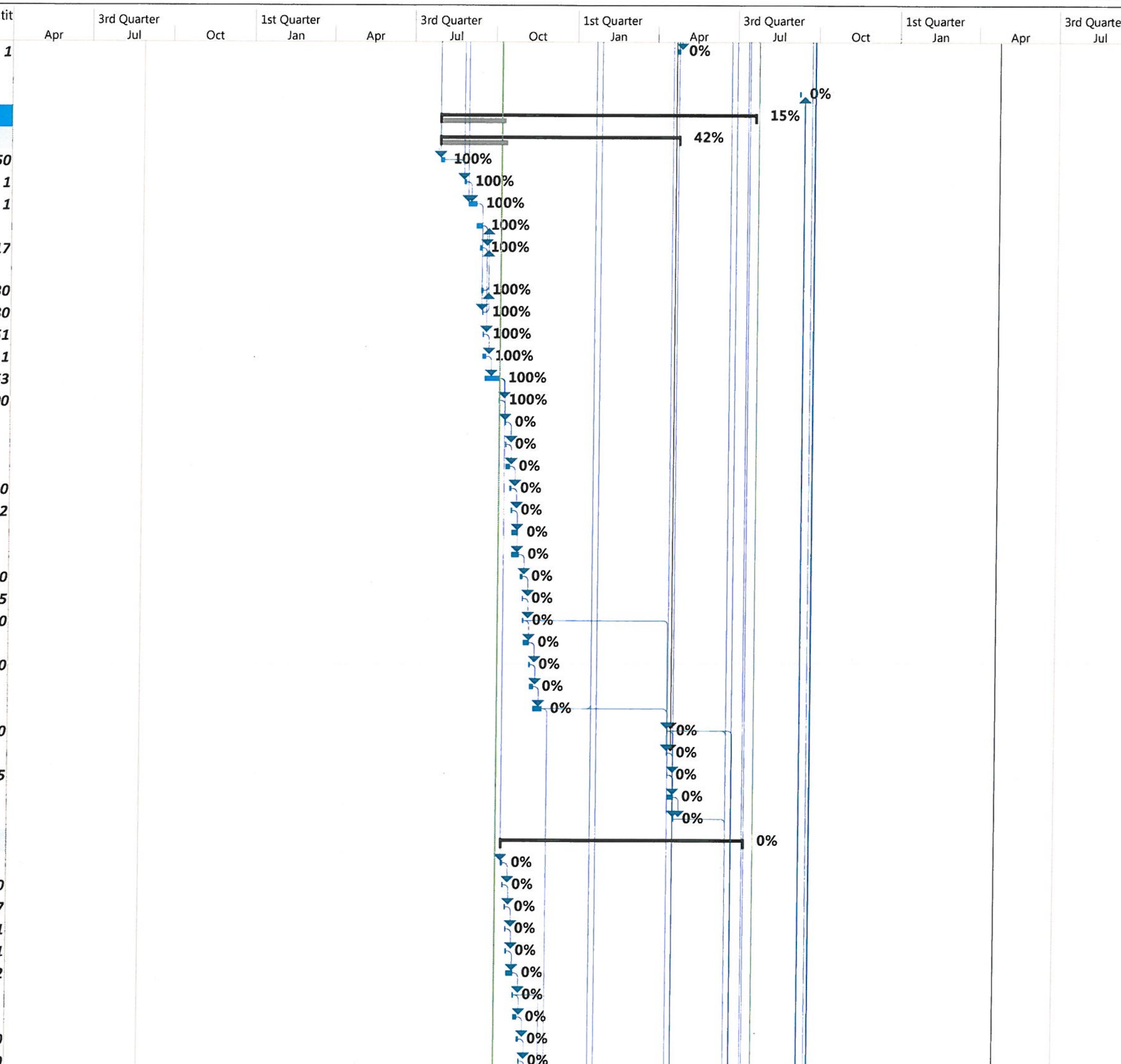
Critical Progress	Manual Task	Baseline	Summary Progress	External Tasks	Inactive Summary
Task	Start-only	Baseline Split	Summary	External Milestone	Deadline

ID	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantity
267	Install Temp. Port. Traffic Control Signal	2 days	4/22/16	4/25/16	266	900.620	*1*
265	Remove Detour	1 day	9/9/16	9/9/16	434,394		
269	**Ripley Road Substructures**	**245.88 days**	**7/31/15**	**7/21/16**			
334	**Ripley Pier**	**185.25 days**	**7/31/15**	**4/26/16**			
335	Tubidity Curtain	2 days	7/31/15	8/3/15	226	649.61	*650*
336	Build Ripley Causeway	2 days	8/27/15	8/28/15	335,32	900.645	*1*
337	Drive Sheeting for Cofferdam	6 days	9/1/15	9/9/15	336,31	208.40	*1*
340	Install Cofferdam Bracing	4 days	9/10/15	9/15/15	339		
341	Mob. Equipment for Pile Driving	2 days	9/14/15	9/15/15	340,338	504.10	*0.17*
339	Excavate Cofferdam Rock	2 days	9/16/15	9/17/15	338	208.35	*30*
338	Excavate Cofferdam Earth	1 day	9/17/15	9/17/15	337	208.30	*330*
342	Drive Test Pile	1 day	9/18/15	9/18/15	341	505.20	*51*
343	Dynamic Pile Load Test	2 days	9/18/15	9/21/15	342	505.45	*1*
344	Drive Piles at Pier	12 days	9/21/15	10/6/15	343	505.20	*663*
345	Pour Cofferdam Seal	1 day	10/7/15	10/7/15	344	541.31	*200*
346	Dewater Cofferdam	1 day	10/14/15	10/14/15	345		
347	Cut-Off Piles	0.5 days	10/15/15	10/15/15	346		
348	Form Pier Footing	2.5 days	10/15/15	10/19/15	347		
349	Rebar for Pier Footing	2 days	10/20/15	10/21/15	348	507.11	*9810*
350	Pour Pier Footing	1 day	10/22/15	10/22/15	349	501.34	*62*
351	Cure Pier Footing	7 days	10/23/15	10/29/15	350		
352	Form Pier Stem	6 days	10/23/15	10/30/15	350		
353	Rebar for Pier Stem	2.75 days	11/2/15	11/4/15	352	507.11	*5820*
354	Rebar for Pier Stem	0.25 days	11/4/15	11/4/15	353	507.12	*65*
355	Pour Pier Stem	1 day	11/5/15	11/5/15	354	501.34	*100*
356	Cure Pier Stem	7 days	11/6/15	11/12/15	355		
357	Backfill Pier Stem	1 day	11/12/15	11/13/15	356	204.30	*100*
358	Remove Cofferdam Bracing	2 days	11/13/15	11/17/15	357		
359	Pull Cofferdam Sheeting	6 days	11/17/15	11/27/15	358		
360	Place Stone Fill	0.5 days	4/18/16	4/18/16	359,7	613.12	*50*
361	Form Pedestals	0.5 days	4/18/16	4/18/16	355,7		
362	Pour Pedestals	0.25 days	4/18/16	4/18/16	361	501.34	*0.75*
363	Cure Pedestals	7 days	4/18/16	4/25/16	362		
364	Set Bearings	0.5 days	4/25/16	4/26/16	362,363		
270	**Ripley Abutment 1**	**188.88 days**	**10/14/15**	**7/14/16**			
271	Excavation Protection System	2 days	10/14/15	10/15/15	344		
272	Excavate for Abutment 1	1 day	10/16/15	10/16/15	271	204.25	*160*
273	Mob. Pile Driving Equipment	1 day	10/19/15	10/19/15	272	504.10	*0.17*
274	Drive Test Pile	0.5 days	10/20/15	10/20/15	273	505.19	*41*
275	Dynamic Pile Load Test	1 day	10/20/15	10/21/15	274	505.45	*1*
276	Drive Piles for Abutment 1	5.5 days	10/21/15	10/28/15	275	505.19	*902*
277	Cut-Off Piles	1 day	10/29/15	10/29/15	276		
278	Form Abutment Footing	2 days	10/30/15	11/2/15	277		
279	Rebar for Abutment Footing	2 days	11/3/15	11/4/15	278	507.11	*4710*
280	Pour Abutment Footing	1 day	11/5/15	11/5/15	279	501.34	*70*



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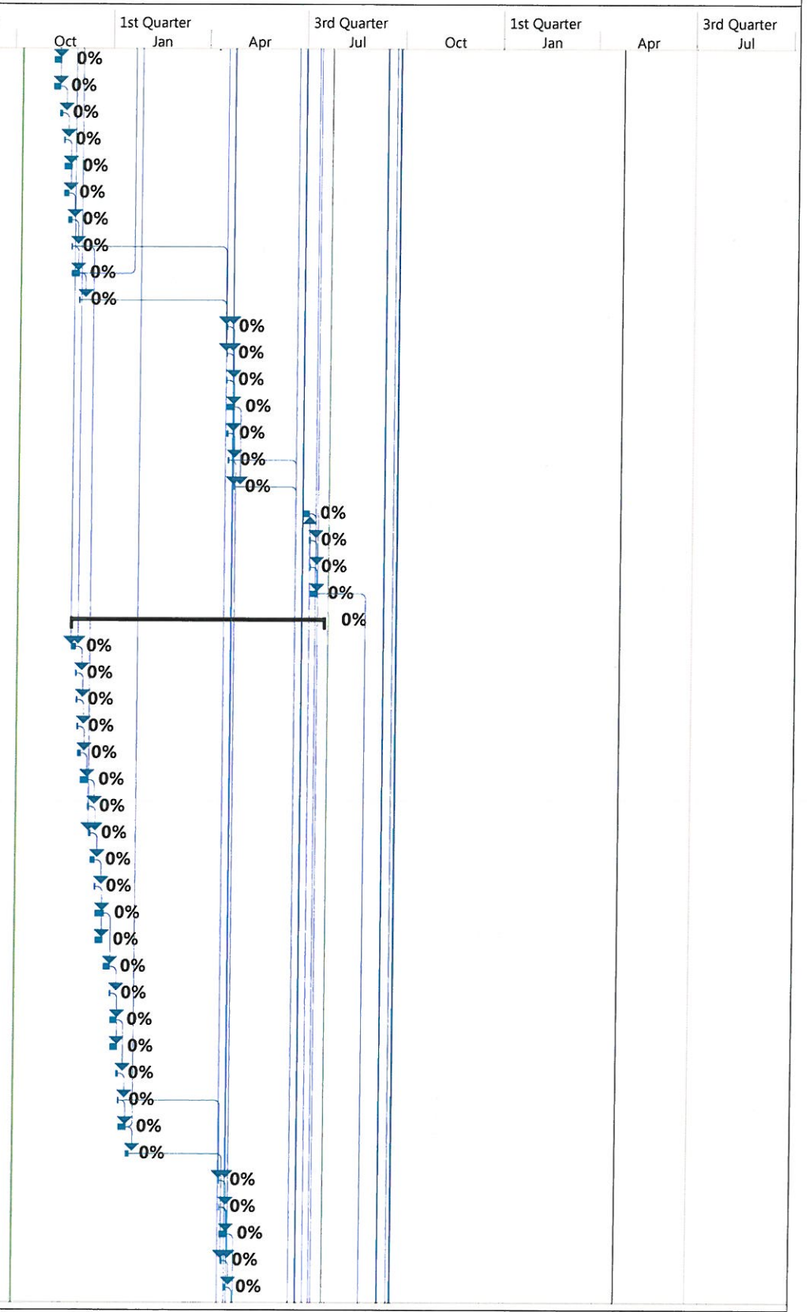
Critical | Split | Finish-only | Baseline Milestone | Manual Summary | Inactive Task
Critical Split | Task Progress | Duration-only | Milestone | Project Summary | Inactive Milestone
Critical Progress | Manual Task | Baseline | Summary Progress | External Tasks | Inactive Summary
Task | Start-only |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

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
281		Cure Abutment Footing	7 days	11/6/15	11/12/15	280		
282		Form 1 Seat/WW	4 days	11/6/15	11/11/15	280		
283		Rebar 1 Seat/WW	2 days	11/12/15	11/13/15	282	507.11	***2250***
284		Pour 1 Seat/WW	0.5 days	11/16/15	11/16/15	283	501.34	***38***
285		Cure 1 Seat/WW	7 days	11/16/15	11/23/15	284		
286		Form 2 Seat/WW	4 days	11/16/15	11/20/15	284		
287		Rebar 2 Seat/WW	1.5 days	11/20/15	11/23/15	286	507.11	***2250***
288		Pour 2 Seat/WW	0.5 days	11/24/15	11/24/15	287	501.34	***38***
289		Cure 2 Seat/WW	7 days	11/24/15	12/1/15	288		
290		Backfill Abutment	1 day	12/1/15	12/2/15	289	204.30	***170***
291		Excavate for Stone Fill	1 day	4/18/16	4/19/16	290,360	203.27	***100***
294		Form Pedestals	0.5 days	4/18/16	4/19/16	288,362		
295		Pour Pedestals	0.25 days	4/19/16	4/19/16	294	501.34	***0.5***
296		Cure Pedestals	7 days	4/19/16	4/26/16	295		
292		Place Stone Fill	1.5 days	4/19/16	4/20/16	291	613.12	***225***
293		Grubbing Material	1 day	4/21/16	4/21/16	292	651.40	***125***
297		Set Bearings	0.5 days	4/26/16	4/26/16	295,296		
298		Form Backwall	2.5 days	7/1/16	7/6/16	366		
299		Rebar for Backwall	1 day	7/6/16	7/7/16	298	507.12	***2130***
300		Pour Backwall	0.5 days	7/7/16	7/7/16	299	501.34	***14***
301		Cure Backwall	7 days	7/8/16	7/14/16	300		
302		**Ripley Abutment 2**	**163 days**	**11/27/15**	**7/21/16**			
303		Excavation Protection System	2 days	11/27/15	12/1/15	277,359		
304		Excavate for Abutment 2	1 day	12/1/15	12/2/15	303	204.25	***160***
305		Mob. Pile Driving Equipment	1 day	12/2/15	12/3/15	304	504.10	***0.17***
306		Drive Test Pile	0.5 days	12/3/15	12/4/15	305	505.19	***41***
307		Dynamic Pile Load Test	1 day	12/4/15	12/7/15	306	505.45	***1***
308		Drive Piles for Abutment 2	5.5 days	12/7/15	12/14/15	307	505.19	***861***
309		Cut-Off Piles	1 day	12/14/15	12/15/15	308		
310		Form Abutment Footing	2 days	12/15/15	12/17/15	288,309		
311		Rebar for Abutment Footing	2 days	12/17/15	12/21/15	310	507.11	***4280***
312		Pour Abutment Footing	1 day	12/21/15	12/22/15	311	501.34	***70***
314		Form 1 Seat/WW	4 days	12/22/15	12/30/15	312		
313		Cure Abutment Footing	7 days	12/23/15	12/29/15	312		
315		Rebar 1 Seat/WW	2 days	12/30/15	1/5/16	314	507.11	***1830***
316		Pour 1 Seat/WW	1 day	1/5/16	1/6/16	315	501.34	***38***
318		Form 2 Seat/WW	4 days	1/6/16	1/12/16	316		
317		Cure 1 Seat/WW	7 days	1/7/16	1/13/16	316		
319		Rebar 2 Seat/WW	1.5 days	1/12/16	1/14/16	318	507.11	***1830***
320		Pour 2 Seat/WW	1 day	1/14/16	1/15/16	319	501.34	***38***
321		Cure 2 Seat/WW	7 days	1/15/16	1/22/16	320		
322		Backfill Abutment	1 day	1/22/16	1/25/16	321	204.30	***170***
326		Form Pedestals	0.5 days	4/19/16	4/19/16	320,295		
327		Pour Pedestals	0.25 days	4/20/16	4/20/16	326	201.34	***0.5***
328		Cure Pedestals	7 days	4/20/16	4/27/16	327		
323		Excavate for Stone Fill	1 day	4/22/16	4/22/16	322,293	203.27	***100***
324		Place Stone Fill	1.5 days	4/25/16	4/26/16	323	613.12	***225***



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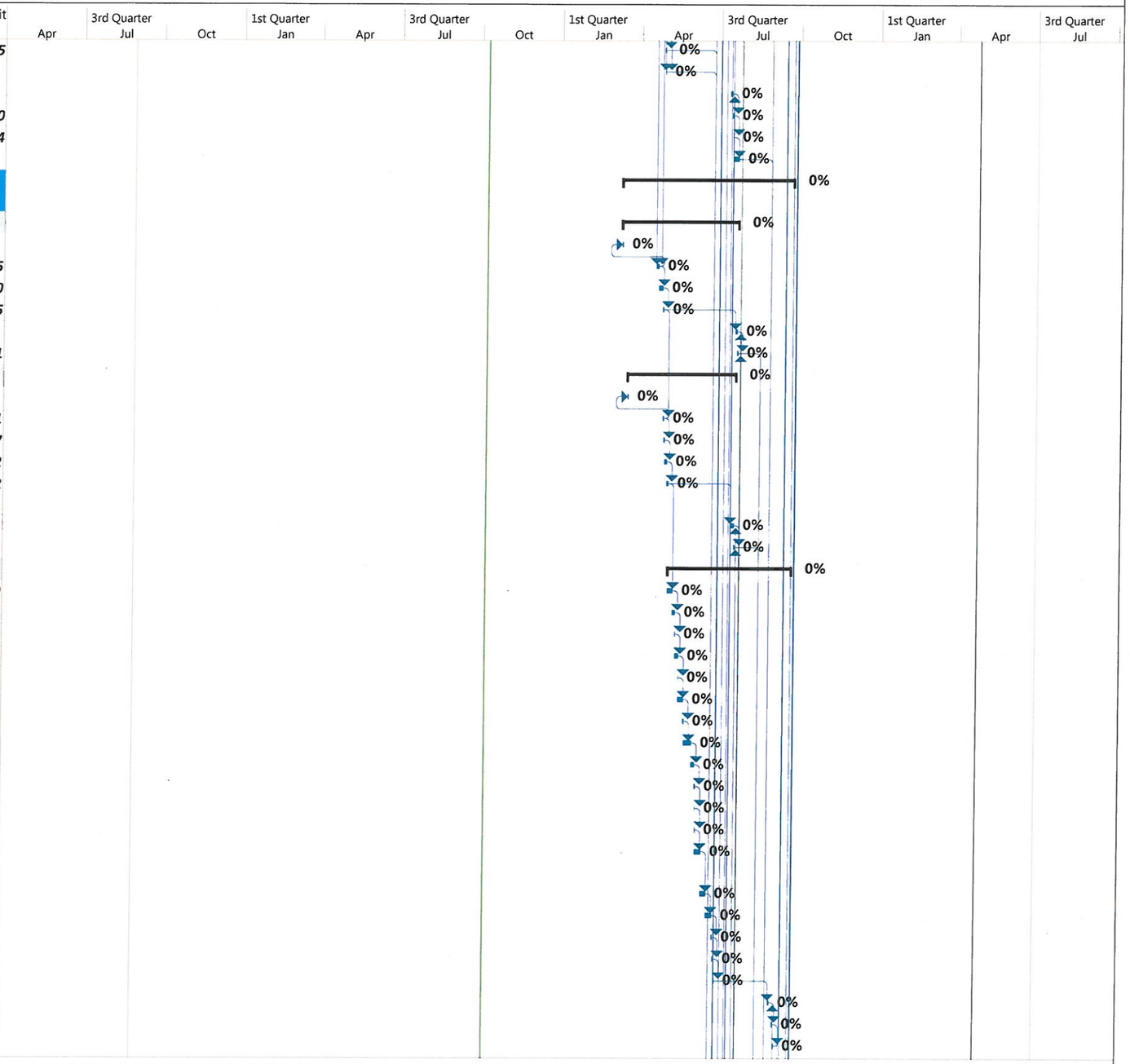
Critical, Critical Split, Critical Progress, Task, Split, Task Progress, Manual Task, Start-only, Finish-only, Duration-only, Baseline, Baseline Split, Baseline Milestone, Milestone, Summary Progress, Summary, Manual Summary, Project Summary, External Tasks, External Milestone, Inactive Task, Inactive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

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
325		Grubbing Material	1 day	4/26/16	4/27/16	324	651.40	125
329		Set Bearings	0.5 days	4/27/16	4/27/16	327,328		
330		Form Backwall	2.5 days	7/11/16	7/13/16	367		
331		Rebar for Backwall	1 day	7/13/16	7/14/16	330	507.12	2500
332		Pour Backwall	0.5 days	7/14/16	7/14/16	331	501.34	14
333		Cure Backwall	7 days	7/15/16	7/21/16	332		
397		**Ripley Road Utilities/Roadwork**	**138 days**	**3/10/16**	**9/23/16**			
398		**Ripley Road Sewer**	**93.5 days**	**3/10/16**	**7/21/16**			
399		Notify for Start of Sewer	1 day	3/10/16	3/11/16	400FS-30 d		
400		Set Sanitary Manhole	2.5 days	4/19/16	4/21/16	259,263,26	604.22	5
401		Install 8" DI Sewer	3 days	4/21/16	4/26/16	400	628.28	510
402		Set Manhole Covers	1.25 days	4/26/16	4/27/16	401	604.56	5
403		Test Sanitary Sewer	2 days	7/19/16	7/20/16	402,370		
404		Transfer to New Sewer	1 day	7/21/16	7/21/16	370,403	628.42	1
405		**Ripley Road Water**	**86.25 days**	**3/17/16**	**7/19/16**			
406		Notify for Start of Waterline	1 day	3/17/16	3/18/16	407FS-30 d		
407		Relocate Hydrant	1 day	4/27/16	4/28/16	402	629.29	1
408		Install 8" DI Waterline	1 day	4/28/16	4/29/16	407	629.24	97
409		Install 8" Gate Valves	0.5 days	4/29/16	5/2/16	408	629.27	2
410		Install 8" Tapping Sleeve & Valve	2 days	5/2/16	5/4/16	409	629.35	2
411		Test Waterline	2 days	7/15/16	7/18/16	410,369		
412		Transfer to New Watermain	1 day	7/19/16	7/19/16	369,411	629.42	1
413		**Ripley Road Roadwork**	**99.25 days**	**5/4/16**	**9/23/16**			
416		Install Drainage Structures	4 days	5/4/16	5/10/16	410	541.25	40
414		18" CPEP Drainage Pipe	3 days	5/10/16	5/13/16	416	601.2615	431
415		18" End Section	0.25 days	5/13/16	5/13/16	414	601.7015	1
417		24" CPEP Drainage Pipe	2 days	5/13/16	5/17/16	415	601.2620	351
418		24" End Section	0.25 days	5/17/16	5/17/16	417	601.7020	1
419		Set Frames and Grates	4 days	5/17/16	5/23/16	418	604.47	12
420		Remove Stone Wall	0.5 days	5/23/16	5/24/16	419	529.25	12
421		Road Reconstruction	6 days	5/24/16	6/2/16	420	203.15	3800
422		Place Sand Borrow	2 days	6/2/16	6/6/16	421	203.31	1300
423		6" Underdrain	1 day	6/6/16	6/7/16	422	605.10	575
424		6" Underdrain Carrier Pipe	0.25 days	6/7/16	6/7/16	423	605.20	15
425		Underdrain Flushing Basin	0.25 days	6/7/16	6/7/16	424	605.95	3
426		Subbase for Road Reconstruction	5 days	6/7/16	6/14/16	425	301.35	2300
427		CIP Concrete Curb	4 days	6/14/16	6/20/16	426	616.28	710
428		5" Sidewalk	5 days	6/20/16	6/27/16	427	618.10	400
429		Detectable Warning Surface	1 day	6/27/16	6/28/16	428	618.30	20
430		8" Sidewalk	1.5 days	6/28/16	6/30/16	429	618.11	30
431		Mill Pavement	1 day	6/30/16	7/1/16	430	210.10	500
432		Pave Base Course	1.5 days	9/1/16	9/2/16	431,392	490.30	550
433		Pave Binder Course	1.5 days	9/6/16	9/7/16	432	490.30	375
434		Temp. Pavement Marking	1 day	9/7/16	9/8/16	433		



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Critical
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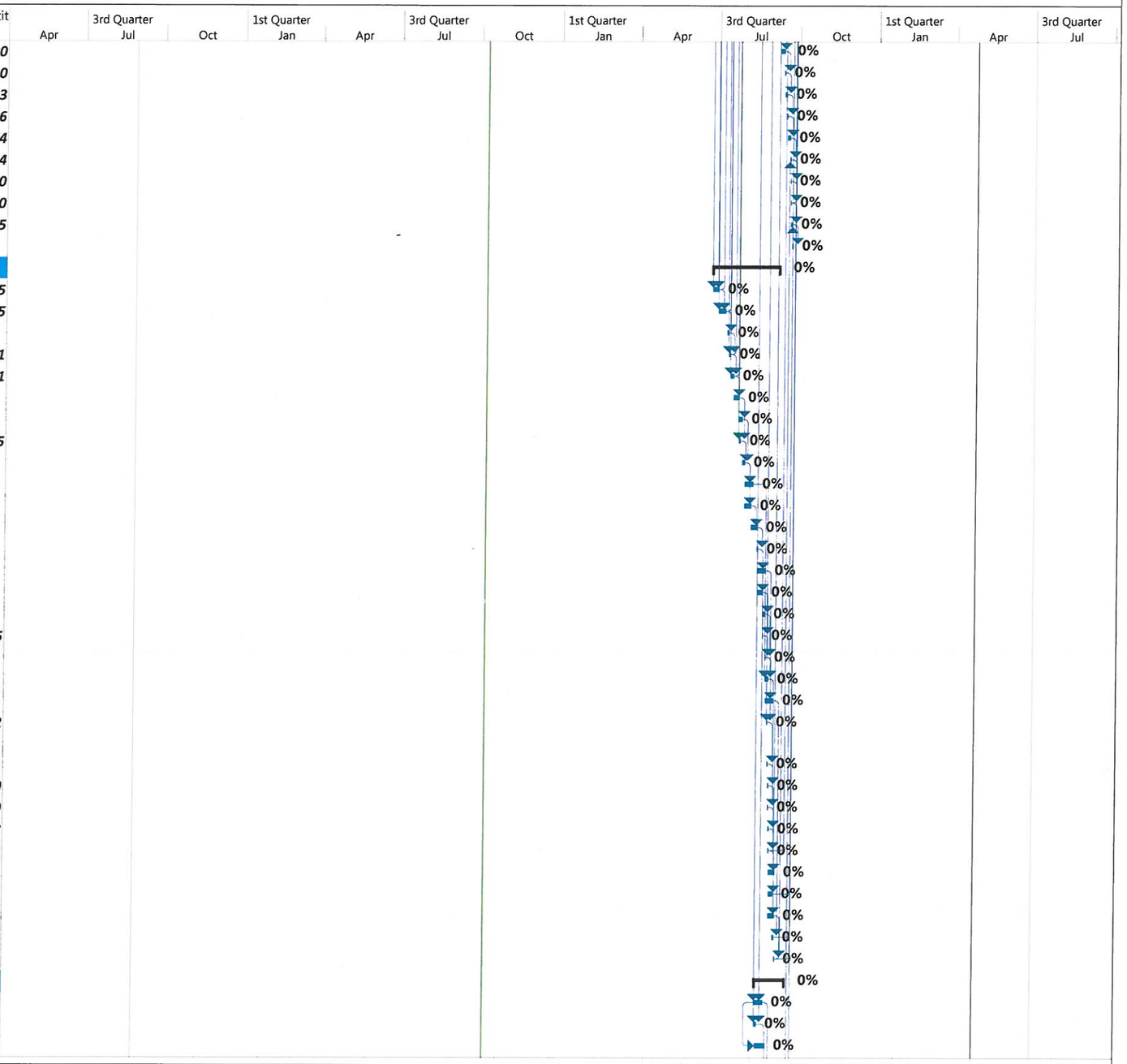
Inactive Milestone
Inactive Summary
Deadline

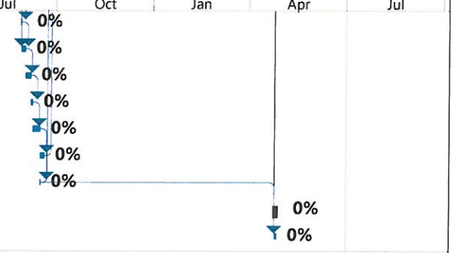
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
435		Topsoil	3 days	9/7/16	9/12/16	433	651.35	***400***
436		Seed, Winter Rye	1 day	9/12/16	9/13/16	435	651.17	***130***
437		Install Guiderail	2 days	9/13/16	9/15/16	436	621.20	***183***
438		Energy Absorption Attenuator	1 day	9/15/16	9/16/16	437	621.56	***6***
439		Anchor for Steel Beam Rail	1 day	9/16/16	9/19/16	438	621.60	***4***
440		Guiderail Approach Section	1 day	9/19/16	9/20/16	439,392	621.80	***4***
441		Install Sign Posts	0.25 days	9/20/16	9/20/16	440	675.341	***220***
442		Traffic Signs	0.25 days	9/20/16	9/20/16	441	675.20	***90***
443		Pave Top Course	1.5 days	9/21/16	9/22/16	455,440,44	490.30	***375***
444		Pavement Striping	1 day	9/22/16	9/23/16	443		
365		**Ripley Superstructure**	**53 days**	**6/24/16**	**9/8/16**			
366		Set Truss Span 1	5 days	6/24/16	6/30/16	364,297,32	900.645	***0.5***
367		Set Truss Span 2	5 days	7/1/16	7/8/16	366,360	900.645	***0.5***
368		Install Sidewalk Brackets	2 days	7/11/16	7/12/16	367		
369		Install Watermain on Bridge	2 days	7/13/16	7/14/16	368,27	900.645	***1***
370		Install Sewer Main on Bridge	2 days	7/15/16	7/18/16	369,26	900.645	***1***
371		Form Deck Span 1	9 days	7/18/16	7/25/16	370		
372		Rebar Deck Span 1	4 days	7/25/16	7/29/16	371		
373		Set Bridge Joint	2 days	7/25/16	7/27/16	371,21	516.11	***30.5***
374		Pour Deck Span 1	1 day	7/29/16	8/1/16	372,373		
375		Cure Deck Span 1	10 days	8/1/16	8/11/16	374		
376		Form Deck Span 2	11 days	8/1/16	8/8/16	374		
377		Rebar Deck Span 2	5 days	8/9/16	8/15/16	376		
378		Pour Deck Span 2	1 day	8/16/16	8/16/16	377		
379		Cure Deck Span 2	10 days	8/17/16	8/26/16	378		
380		Form Sidewalk	4 days	8/17/16	8/22/16	378		
381		Rebar for Sidewalk	3 days	8/23/16	8/25/16	380		
382		Install Sidwalk Joint	0.5 days	8/23/16	8/23/16	380	516.11	***6.75***
383		Pour Sidewalk	1 day	8/26/16	8/26/16	381,382		
385		Form Curb	2 days	8/26/16	8/30/16	379,375		
384		Cure Sidewalk	10 days	8/27/16	9/5/16	383		
388		Place Subbase for Approach Slabs	0.5 days	8/29/16	8/29/16	301,333,38	301.35	***52***
389		Form Approach Slabs	1 day	8/29/16	8/30/16	388		
390		Rebar for Approaches	1 day	8/30/16	8/31/16	389	507.12	***6000***
386		Rebar for Curb	0.5 days	8/30/16	8/31/16	385	507.12	***3720***
387		Pour Curb	1 day	8/31/16	9/1/16	386	501.33	***18***
392		Pour Approaches	1 day	8/31/16	9/1/16	390	501.34	***52***
391		Cure Curb	7 days	9/1/16	9/8/16	387		
396		Install Bridge Rail	2 days	9/1/16	9/6/16	387	525.44	***425***
393		Cure Approaches	7 days	9/1/16	9/8/16	392		
395		Install Pedestrian Rail	2 days	9/6/16	9/7/16	384	900.640	***265***
394		Joint Sealer	0.5 days	9/8/16	9/8/16	393	524.11	***56***
445		**Ripley Road Bridge Demo**	**23.5 days**	**8/17/16**	**9/20/16**			
446		Remove Temp. Bridge	8 days	8/17/16	8/26/16	404,412,37	900.645	***1***
448		Install Shielding Over Stream	3 days	8/17/16	8/19/16	404,412,37		
447		Return Bridge to VAOT	8 days	8/18/16	8/29/16	446SS+1 da		



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

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Contract Item	Quantit
449		Remove Bridge Pavement	0.5 days	8/29/16	8/29/16	446	529.10	***381***
450		Remove Deck	4 days	8/29/16	9/2/16	449,448		
451		Remove Span 1 Steel	2 days	9/2/16	9/7/16	450	529.15	***0.5***
452		Remove Span 2 Steel	2 days	9/7/16	9/9/16	451	529.15	***0.5***
453		Demo Pier	5 days	9/9/16	9/16/16	452	529.25	***148***
454		Remove Causeway	2 days	9/16/16	9/20/16	453		
455		Demo Abutments	0.5 days	9/16/16	9/16/16	453	529.25	***2***
456		**Final Ripley Sitework**	**2 days**	**4/25/17**	**4/26/17**			
457		Seed	2 days	4/25/17	4/26/17	455,11FS+(	651.15	***100***



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Critical	Split	Finish-only	Baseline Milestone	Manual Summary	Inactive Task
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