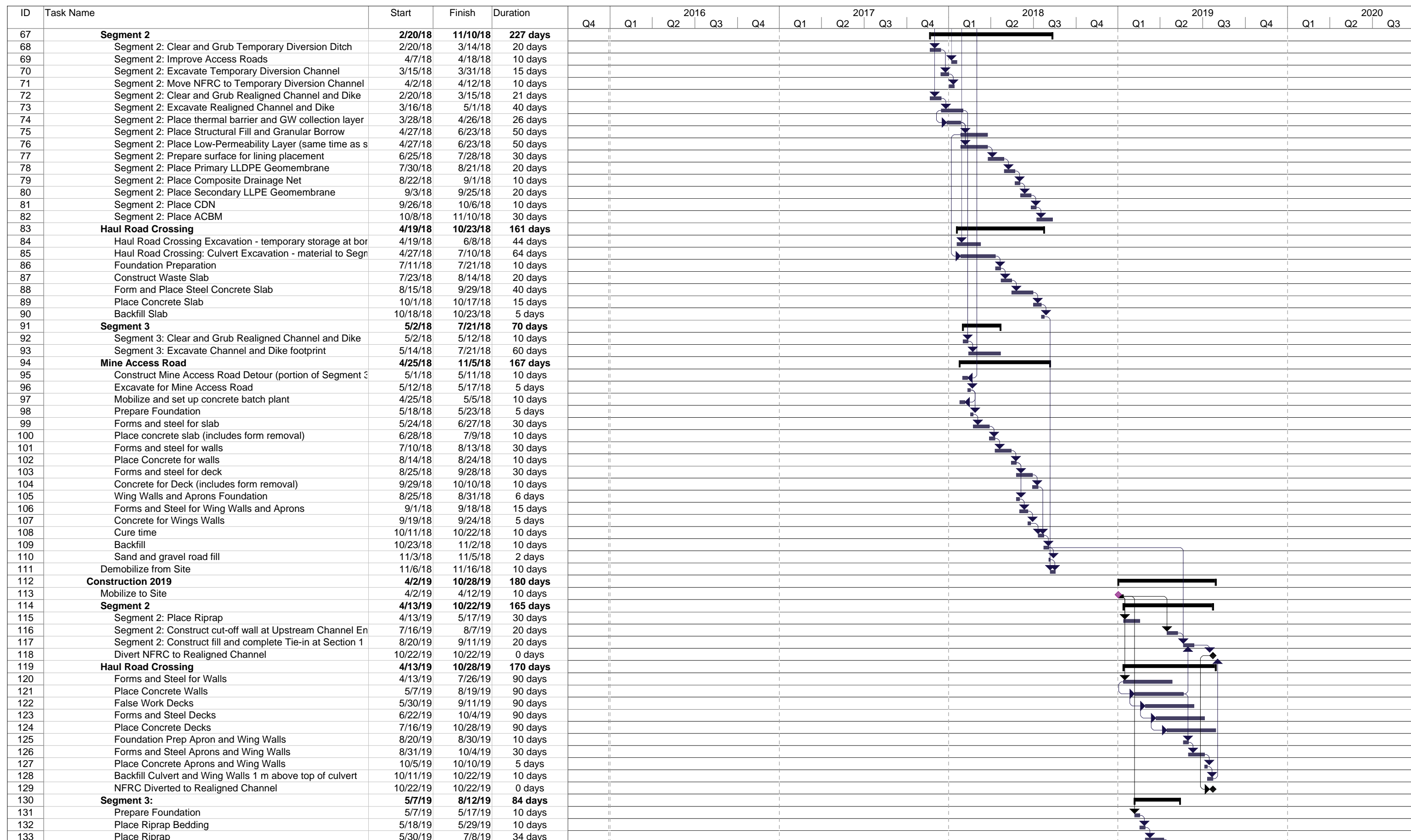


# Appendix H

## Construction Schedule

ID	Task Name	Start	Finish	Duration	2016				2017				2018				2019				2020			
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1	<b>North Fork of Rose Creek Project Schedule</b>	<b>3/31/16</b>	<b>10/7/20</b>	<b>1324 days</b>																				
2	<b>Design Development</b>	<b>3/31/16</b>	<b>11/22/17</b>	<b>430 days</b>																				
3	<b>Conceptual Design</b>	<b>3/31/16</b>	<b>10/12/16</b>	<b>140 days</b>																				
4	Submit Preliminary Final DBR	3/31/16	3/31/16	0 days																				
5	TRC Review of Preliminary Final DBR	3/31/16	4/29/16	22 days																				
6	Modifications to Preliminary Final DBR	5/2/16	5/20/16	15 days																				
7	IPRP Review of Preliminary Final DBR	5/23/16	6/10/16	15 days																				
8	IPRP Review Meeting Preliminary Final DBR	6/13/16	6/15/16	3 days																				
9	Conduct Value Engineering	6/16/16	7/13/16	20 days																				
10	Prepare Draft Final DBR	7/14/16	8/10/16	20 days																				
11	Submit Draft Final DBR	8/10/16	8/10/16	0 days																				
12	Draft Final DBR TRC Review	8/11/16	8/31/16	15 days																				
13	Draft Final DBR Fixup	9/1/16	9/21/16	15 days																				
14	Submit Final DBR	9/21/16	9/21/16	0 days																				
15	IPRP Review of Final DBR	9/22/16	10/5/16	10 days																				
16	Stage Gate Approval	10/6/16	10/12/16	5 days																				
17	DBR/ Conceptual Design Stage Gate Approval	10/12/16	10/12/16	0 days																				
18	<b>Field Work</b>	<b>6/23/16</b>	<b>11/16/16</b>	<b>105 days</b>																				
19	Mobilize to Site for 2016 Field Investigation	6/23/16	6/29/16	5 days																				
20	Conduct 2016 Field Work	6/30/16	9/21/16	60 days																				
21	Conduct Physical Modelling (If PMF retained as design criteria)	6/30/16	9/21/16	60 days																				
22	Complete Laboratory Testing and Reporting	8/25/16	11/16/16	60 days																				
23	<b>Preliminary Design</b>	<b>10/13/16</b>	<b>2/15/17</b>	<b>90 days</b>																				
24	Prepare Preliminary Design Report	10/13/16	11/23/16	30 days																				
25	Develop Preliminary Design Drawings and Specifications	10/13/16	11/23/16	30 days																				
26	Submit Preliminary Design for TRC Review	11/23/16	11/23/16	0 days																				
27	TRC Review Preliminary Design	11/24/16	12/14/16	15 days																				
28	Fixup Preliminary Design	12/15/16	12/28/16	10 days																				
29	Submit Preliminary Design Packages for IPRP Review	12/28/16	12/28/16	0 days																				
30	IPRP Review of Preliminary Design	12/29/16	1/18/17	15 days																				
31	Finalize Preliminary Design	1/19/17	2/8/17	15 days																				
32	Submit Final Preliminary Design	2/8/17	2/8/17	0 days																				
33	Stage Gate Approval	2/9/17	2/15/17	5 days																				
34	Preliminary Design Stage Gate Approval	2/15/17	2/15/17	0 days																				
35	<b>Detailed Design</b>	<b>2/9/17</b>	<b>6/14/17</b>	<b>90 days</b>																				
36	Prepare Final Detailed Design Report	2/9/17	3/22/17	30 days																				
37	Develop Detailed Design Drawings and Specifications	2/9/17	3/22/17	30 days																				
38	Submit Detailed Design Packages for TRC Review	3/22/17	3/22/17	0 days																				
39	TRC Review of Detailed Design	3/23/17	4/12/17	15 days																				
40	Fixup Detailed Design	4/13/17	4/26/17	10 days																				
41	Submit Detailed Design for IPRP Review	4/26/17	4/26/17	0 days																				
42	IPRP Review of Detailed Design Packages	4/27/17	5/17/17	15 days																				
43	Fixup Detailed Design Packages	5/18/17	6/7/17	15 days																				
44	Submit Final Detailed Design Packages	6/7/17	6/7/17	0 days																				
45	Stage Gate Approval	6/8/17	6/14/17	5 days																				
46	Detailed Design Stage Gate Approval	6/14/17	6/14/17	0 days																				
47	<b>Pre-Construction</b>	<b>2/9/17</b>	<b>11/22/17</b>	<b>205 days</b>																				
48	Advertise for Potential Contractors	2/9/17	6/14/17	90 days																				
49	Conduct Pre-Bid Site Meeting	6/15/17	6/28/17	10 days																				
50	Prepare Final Tender Documents	6/8/17	7/5/17	20 days																				
51	Issue for tender	7/5/17	7/5/17	0 days																				
52	Potential Contractors Prepare Bids	7/6/17	9/27/17	60 days																				
53	Receive Proposals; Interview Potential Contractors	9/28/17	10/25/17	20 days																				
54	Evaluate Proposals	10/26/17	11/22/17	20 days																				
55	Award Construction Contract	11/22/17	11/22/17	0 days																				
56	<b>Construction</b>	<b>11/23/17</b>	<b>10/7/20</b>	<b>894 days</b>																				
57	Prepare Site Specific Plans	11/23/17	2/7/18	60 days																				
58	<b>NFRC Channel Realignment</b>	<b>2/8/18</b>	<b>8/14/20</b>	<b>788 days</b>																				
59	<b>Construction: 2018</b>	<b>2/8/18</b>	<b>11/16/18</b>	<b>242 days</b>																				
60	Mobilize to Site	2/8/18	2/19/18	10 days																				
61	Install SWPP (erosion controls)	2/20/18	3/14/18	20 days																				
62	Set up temporary water supply	3/15/18	4/6/18	20 days																				
63	Construct Temporary Power Lines	3/27/18	4/18/18	20 days																				
64	Mobilize crushing plant	5/12/18	5/23/18	10 days																				
65	Produce Concrete Aggregate	5/24/18	9/5/18	90 days																				
66	Produce Filters, Transition, Riprap	5/24/18	10/10/18	120 days																				





ID	Task Name	Start	Finish	Duration	2016				2017				2018				2019				2020		
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
201	Demobilize from Site	10/7/19	10/17/19	10 days																			
202	<b>Construction: 2020</b>	<b>5/15/20</b>	<b>7/29/20</b>	<b>65 days</b>																			
203	Mobilize to Site	5/15/20	5/26/20	10 days																			
204	Complete Diversion Canal (after freshet)	5/27/20	6/6/20	10 days																			
205	Construct cofferdam (upstream of cutoff wall)	6/8/20	6/18/20	10 days																			
206	Construct cutoff wall	6/19/20	6/30/20	10 days																			
207	Remove Cofferdam	7/1/20	7/2/20	2 days																			
208	Startup and Shakedown	7/1/20	7/23/20	20 days																			
209	Demobilize from Site	7/24/20	7/29/20	5 days																			

